

## **Historic, Archive Document**

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THE  
**BOLLWINKLE**  
— SEED —  
**COMPANY**  
LIMITED.

1914



ED-UG-ZEORAG

521-525 DUMAINE ST.  
NEW ORLEANS,  
LOUISIANA.

# IMPORTANT SUGGESTIONS

## READ BEFORE ORDERING.

### MISTAKES AND MISUNDERSTANDINGS WILL BE AVOIDED IF YOU WILL CAREFULLY READ THE FOLLOWING:

**WRITE PLAINLY.** When Ordering write your Full Name very plainly, giving Post Office, Express Office or Freight Depot as case may be, to which you wish the goods sent. If an order wherein we have been given the full and correct address is lost in the mails, we will replace same, but if lost through faulty directions given us, we cannot duplicate it free. When shipments are made by express or freight, our responsibility ceases after we have obtained a clear receipt from the transportation companies.

**SEND MONEY.** Remittances should always accompany the order, and may be sent at our risk by Post Office Order, Express Money Order or Registered Letter. Two-cent stamps will be accepted in amounts up to one dollar. All mail orders for Mexico or other foreign points should be registered.

**C. O. D. ORDERS** must be accompanied by a remittance equal to one-fourth the amount of the order. We cannot send C. O. D. orders for amounts of \$1.00 or less.

**SEEDS BY MAIL.** Prices on half-pound and one pound include postage or expressage prepaid. When sent otherwise deduct ten cents per pound or fraction thereof.

To orders for Mexico figure 12 cents per pound.

**PLANTS.** All plants will be sent by express at the purchaser's expense, unless otherwise ordered. Packages not exceeding four pounds may be sent by mail. When

express charges are prepaid there is a special rate of eight cents per pound to any part of the United States. It is advisable, therefore, when ordering plants, to send enough money to cover mail or express charges. **NO PLANTS SENT C. O. D.**

**OUR NURSERY STOCK** is strictly first class in every particular and free from disease and insect pests. An inspector's certificate to that effect accompanies all shipments.

**ORDER EARLY.** It is important that you order as soon after receipt of this catalogue as convenient. You will then be sure of having your seeds when you want them. Orders are filled as received in rotation; you help us to maintain our quick service by ordering early.

**LARGE AND SMALL ORDERS.** Dealers and truck gardeners using seeds in large quantities will save money by writing us for prices. Small Buyers will find their order for one packet handled with the same care and promptness as a large purchase.

**GUARANTEE.** Look carefully for the cause before making a complaint. Success depends as much upon the proper planting, soil, water, weather, etc., as upon the seeds. Every possible care is taken in the selection of the seeds we offer, but no warranty, expressed or implied is given, either as to name, description, or other matter. If the purchaser does not accept the seeds on these terms and conditions, they must be at once returned.

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## TERMS:

All sales subject to loss or damage by fire, shortage or failure of our crops, and contingencies beyond our control. We give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any Seeds, Plants or Bulbs; we send out, and we will not be, in any way, responsible for the Crops grown therefrom. If the purchaser does not accept the goods on these terms, they are at once to be returned and the money that has been paid for the same will be refunded.

All offers and quotations are made for immediate acceptance; prices subject to change without notice and being unsold on receipt of order.





## Largest and Best Collection Ever Offered

## Of Vegetables and Flowers

We offer these ready-made gardens at very close figures. We can only afford to do this by putting them up in large quantities for shipment. Therefore, we can make no changes, substitutions or alterations. All our seeds are choice and fresh. Packets well filled, same as regular stock. The collections are just what you need for a garden. Saves a busy person time in making a selection. **SAVE MONEY AND TIME BY GETTING THE BEST.**

### Big 50 Cent Collection of Vegetable Seeds.

15 PACKETS FOR 50 CENTS.

- |                                |                                   |
|--------------------------------|-----------------------------------|
| 1 Packet Large Yellow Pumpkin. | 1 Packet Watermelon.              |
| 1 Packet Flat Dutch Cabbage.   | 1 Packet Onion.                   |
| 1 Packet Early Blood Eet.      | 1 Packet Large Curled Mustard.    |
| 1 Packet Cucumber.             | 1 Packet French Market Okra.      |
| 1 Packet True Georgia Collard. | 1 Packet Radish.                  |
| 1 Packet Big Boston Lettuce.   | 1 Packet Early White Bush Squash. |
| 1 Packet Cantaloupe.           | 1 Packet New Stone Tomato.        |
|                                | 1 Packet Purple Top Globe Turnip. |

**FOR 50 CENTS WE WILL SEND THE ABOVE 15 PACKETS OF SEED  
BY MAIL, POSTPAID.**

### Big 50 Cent Collection of Flower Seeds.

**FOR 50 CENTS WE WILL MAIL ONE FULL-SIZED PACKET EACH OF THE  
FOLLOWING:**

- |  |  |
|--|--|
| 1. ALYSSEUM, SWEET, beautiful white flower of delicious fragrance. | 8. PETUNIA, GOOD MIXED, fine for bedding.                            |
| 2. BALSAM, DOUBLE, MIXED, favorite garden flower.                  | 9. POPPY, DOUBLE, well adapted for shrubbery.                        |
| 3. COCKSCOMB, DWARF, MIXED, beautiful free blooming annual.        | 10. SWEET WILLIAM, SINGLE, MIXED, great variety of colors.           |
| 4. ADONIS AESTIVALIS, early blooming, crimson.                     | 11. CHRYSANTHEMUM, ANNUAL SORTS, mixed.                              |
| 5. MARIGOLD, FRENCH, DOUBLE DWARF MIXED, various markings.         | 12. VERBENA, FINE, MIXED, beautiful, dazzling self-colors.           |
| 6. NASTURTIUMS, DWARF, MIXED, fine for table decorations.          | 13. ZINNIA, TALL, DOUBLE, MIXED, showy and free flowering.           |
| 7. PHLOX, DRUMMONDI, MIXED, splendid mass of colors.               | 14. AGERATUM MEXICANUM, for bedding and edging; blue.                |
|  | 15. SWEET PEAS, ECKFORD'S HYBRIDS, MIXED, very popular for bunching. |

**THE ABOVE 15 PACKETS FOR ONLY 50 CENTS.**

At regular Catalogue Prices, these 15 Packets would cost 75c.

For 25 Cents we will Mail Numbers 1, 2, 5, 6, 7, 9 and 13.

At these greatly reduced prices we cannot allow any alterations in any of the above collections.

### FIRST-CLASS SEEDS AT REASONABLE PRICES.

We do not attempt to sell seeds at the lowest prices, but we endeavor to supply the best seeds obtainable as low as first-class seeds can be sold.

**OUR NEW ORLEANS MARKET CUCUMBER IS THE MARKET GARDENER'S AND  
SHIPPER'S CHOICE.**

## Spraying No Longer an Experiment, but a Recognized Necessity.

No subject has been more widely and thoroughly studied the past fifteen years than has that of spraying. Thanks to the untiring efforts of the Agricultural Colleges and Experiment Stations, we are now in possession of much valuable information relative to the destruction of the various pests that the grower must combat.

In spraying for gnawing insects, as the Colorado beetle and the colding moth, such poisons as Paris Green or Arsenate of Lead are used almost exclusively.

### FORMULAS

#### PARIS GREEN AND WATER

##### To Destroy Potato Bugs

Paris Green .....  $\frac{1}{2}$  pound  
Fresh Lime ..... 1 pound  
Water ..... 50 gals.

For puncturing insects, such as plant lice, scale, insects and the chinch-bug Kerosene Emulsion is undoubtedly one of the most satisfactory preparations.

#### KEROSENE EMULSION

##### To Destroy Aphides on Rose Bushes, etc.

Kerosene Oil..... 2 gals.  
Rain Water ..... 1 gal.

Soap .....  $\frac{1}{2}$  pound  
Dilute before use with 9 parts water.

For fungus pests, such as potato blight, scab of apple and the various mildews, the following are considered among the best formulas:

**LIME-SULPHUR.**—The best remedy for San Jose scale. One gallon makes ten. Also one of the best summer sprays, as it is an excellent fungicide. When used in summer, dilute with 20 to 30 parts of water. Per quart can, 40c.; 1 gal. \$1.00; 5-gallon can, \$4.50.

## SULPHO-TOBACCO SOAP

A WONDERFUL  
AND INEXPENSIVE INSECTICIDE.

SURE  
TO  
KILL



REVIVES  
PLANT  
LIFE

SULPHO-TOBACCO SOAP is a powerful agent for the destruction of bugs and insects. One or two applications will rid plants of the pests. Animals may be washed with same solution that is used for plants, or a lather may be made and applied with hand or sponge. Full directions with each cake.

Destroys cabbage, squash- and potato-bugs, currant-worms, lice, green-fly, mealy bug, red spider, etc. Sure death to all plant insects indoors and out-of-doors. Of special value for spraying shrubs, fruit-trees and vines. Produces luxuriant roses if bushes are sprayed liberally before blooming-time.

3-oz. Cake makes 1 1-2 gallons prepared solution. 10 cents. Mailed, postpaid, for 13 cents.  
8-oz. Cake makes 4 gallons prepared solution. 20 cents. Mailed, postpaid, for 28 cents.  
10-lb. Cake makes 80 gallons prepared solution. By Express, \$5.00.



**SLUG SHOT, HAMMOND'S.**—Guaranteed to destroy potato bugs and those on tomato and egg plants, currant worms, cabbage lice and worms. Price, 1-pound carton, 15c.; 5 pounds, \$30c.

**PARIS GREEN.**—A poisonous insecticide in powdered form, for insects which chew. When applied as a powder, use one part Paris Green to 100 parts plaster or flour. As a liquid, one pound Paris Green to 150 to 300 gallons water. If used on fruit trees, add one pound quicklime. One-fourth pound, 12c.;  $\frac{1}{2}$ -pound, 18c.; lb., 30c.

**THRIP JUICE.**—For mealy bugs, scale, thrip, codling moth, canker worm, beetles, caterpillars, etc. Per pint, 65c.

**TOBACCO POWDER.**—Cheaper than snuff, and quite as effectual. A sure remedy for Green Fly. 1 pound, 10c.; 5-lb. package, 25c.; 100 lbs., \$2.00.

**FISH OIL SOAP.**—(Commonly known as Whale Oil Soap.) An excellent wash for trees and plants where insects and eggs affect the bark; also used for smearing on tree to prevent worms crawling up. Per lb., 15c.; 2 pounds, 25c.; 5 pounds, 50c.

#### COPPER SULPHATE SOLUTION.

Copper Sulphate..... 1 lb.  
Water ..... 25 gals.

For use only before the buds open. It is ready for use as soon as dissolved in water.

#### BORDEAUX MIXTURE.

Copper Sulphate..... 4 lbs.  
Quick lime ..... 4 lbs.  
Paris Green, for leaf-eating insects..... 4 oz.  
Water, 1 barrel..... 40-50 gals.  
To prevent potato rot, 6 lbs. copper sulphate is used instead of four.



## REFERENCE TABLES.

The quantity of seed sown per acre, and such other estimates as are given here are approximate figures only. They may vary in different sections and States just as soil and the climate varies, and often one farmer, to insure a full stand, sows seed more generously than his neighbors. The given weights, per bushel, are in general use:

## GARDEN SEED.

|                                  | Seed for a<br>one acre. | Seed for a<br>100 ft. row. |
|----------------------------------|-------------------------|----------------------------|
| Asparagus .....                  | 6 lbs.                  | 8 ozs.                     |
| Beans, dwarf (drill) ..          | 1½ bu.                  | 3 qts.                     |
| Beans, pole .....                | ½ bu.                   | 1 pt.                      |
| Beet, garden .....               | 6 lbs.                  | 5 ozs.                     |
| Beet, Mangel .....               | 7 lbs.                  | 6 ozs.                     |
| Broccoli .....                   | 4 to 6 ozs.             |                            |
| Brussels Sprouts ..              | 4 to 6 ozs.             |                            |
| Cabbage, outdoor .....           | 10 ozs.                 | 1 oz.                      |
| Cabbage, sown in<br>frames ..... | 6 ozs.                  | ....                       |
| Carrot .....                     | 4 lbs.                  | 3 ozs.                     |
| Cauliflower .....                | ½ oz.                   | ....                       |
| Celery .....                     | 6 ozs.                  | ....                       |
| Collards (drills) .....          | 3 lbs.                  | ½ oz.                      |
| Corn, sweet (hills) ..           | 8 qts.                  | 1 pt.                      |
| Corn, pop (shelled) ..           | 3 qts.                  | 1 pt.                      |
| Cucumber .....                   | 3 lbs.                  | 4 ozs.                     |
| Egg Plant .....                  | 4 ozs.                  | ½ oz.                      |
| Endive .....                     | 4 lbs.                  | 2 ozs.                     |
| Kale (drills) .....              | 4 lbs.                  | 2 ozs.                     |
| Kohl Rabi .....                  | 10 ozs.                 | 1 oz.                      |
| Leek .....                       | 4 lbs.                  | 2 ozs.                     |
| Lettuce .....                    | 3 lbs.                  | 2 ozs.                     |
| Melon, Musk (hills) ..           | 3 lbs.                  | 1 oz.                      |
| Melon, Water (hills) ..          | 2½ lbs.                 | 2 oz.                      |
| Mustard .....                    | 2 lbs.                  | ....                       |
| Okra .....                       | 12 lbs.                 | 12 ozs.                    |
| Onion Seed .....                 | 5 lbs.                  | 2 ozs.                     |
| Onion Seed, for sets ..          | 50 lbs.                 | 2 ozs.                     |
| Parsley .....                    | 4 lbs.                  | 2 ozs.                     |
| Parsnip .....                    | 5 lbs.                  | 4 ozs.                     |
| Peas, garden .....               | 2 bu.                   | 1 qt.                      |
| Pepper .....                     | ....                    | ½ oz.                      |
| Potatoes .....                   | 10 bu.                  | ½ bu.                      |
| Pumpkin (hills) .....            | 5 lbs.                  | 2 ozs.                     |
| Radish .....                     | 10 lbs.                 | 6 ozs.                     |
| Rhubarb .....                    | 3½ lbs.                 | 4 ozs.                     |
| Salsify .....                    | 8 lbs.                  | 4 ozs.                     |
| Spinach .....                    | 10 lbs.                 | 6 ozs.                     |
| Squash .....                     | 4 to 6 lbs.             | 3 ozs.                     |
| Tobacco .....                    | 2 ozs.                  | ....                       |
| Tomato (in frame) .....          | 3 ozs.                  | ....                       |
| Turnip (drill) .....             | 2 lbs.                  | ....                       |
| Turnip (broadcast) .....         | 3 lbs.                  | ....                       |

## MILLETS.

|                        | Weight<br>per Bu. | Quantity<br>to sow to<br>one acre.<br>Pound. |
|------------------------|-------------------|--|
| Japan .....            | 25                | 25   |
| Cat-Tail (Pearl) ..... | 50                | 8 to 10                                      |
| German or Golden ..... | 50                | 25 to 35                                     |
| Hungarian .....        | 48                | 25 to 35                                     |

## GRASSES.

|                            | Weight<br>per Bu. | Quantity<br>to sow to<br>one acre.<br>Pound. |
|----------------------------|-------------------|--|
| Bermuda .....              | 40                | 2 to 3                                       |
| Bromus Inermis .....       | 14                | 30   |
| English Perennial Rye ..   | 20                | 30 to 40                                     |
| English Blue .....         | 14                | 20 to 30                                     |
| Italian Rye .....          | 20                | 30 to 40                                     |
| Johnson .....              | 25                | 25 to 30                                     |
| Kentucky Blue (Pasture) .. | 14                | 20 to 25                                     |
| Kentucky Blue (Lawns) ..   | 14                | 40 to 50                                     |
| Orchard .....              | 14                | 12 to 15                                     |
| Red Top—solid seed .....   | ..                | 6 to 10                                      |
| Rescue .....               | 14                | 20 to 30                                     |
| Timothy .....              | 45                | 10 to 12                                     |

## ROOTS, SETS AND PLANTS.

|                                  | Approximate quantity to plant one acre. |
|----------------------------------|---|
| Asparagus Roots, or Plants ..... | 8,000                                   |
| Cabbage, Early, Plants .....     | 14,000                                  |
| Cabbage, Late, Plants .....      | 8,000                                   |
| Cauliflower Plants .....         | 8,000                                   |
| Celery Plants .....              | 15,000                                  |
| Horse Radish Roots .....         | 12,000                                  |
| Onion Sets (measured) .....      | 6 to 10 bu.                             |
| Onion Sets, Tops .....           | 4 to 6 bu.                              |
| Potatoes, Irish .....            | 10 to 12 bu.                            |
| Potatoes, Sweet, Plants .....    | 12,000                                  |

## MISCELLANEOUS.

|                              | Quantity to sow<br>to one acre.<br>Pounds. |
|------------------------------|--|
| Barley .....                 | 48 1¼ to 1½ bu.                            |
| Beans, Navy .....            | 60 1½ to 2 bu.                             |
| Beans, Soja .....            | 60 20 to 30 lbs.                           |
| Broom Corn Seed .....        | 48 2 to 4 qts.                             |
| Buckwheat .....              | 52 1 to 1¼ bu.                             |
| Cane Seed, for sugar .....   | 50 4 to 8 lbs.                             |
| Cane Seed, for fodder .....  | 50 30 to 50 lbs.                           |
| Castor Beans .....           | 46 4 to 5 lbs.                             |
| Chufas .....                 | 40 ¼ bu.                                   |
| Corn, Field .....            | 56 4 to 5 qts.                             |
| Corn Fodder, drilled .....   | 56 1 bu.                                   |
| Cow Peas .....               | 60 1½ bu.                                  |
| Kaffir Corn, in drills ..... | 50 3 to 5 lbs.                             |
| Kaffir Corn, broadcast ..... | 50 ½ to 1 bu.                              |
| Oats .....                   | 32 1½ to 2 bu.                             |
| Peas, Field .....            | 60 1½ to 2 bu.                             |
| Peanuts .....                | 22 2 bu, in pods.                          |
| Pumpkins, common field ..    | 30 2 to 3 qts.                             |
| Rape, Dwarf Essex .....      | 50 5 to 8 lbs.                             |
| Rye .....                    | 56 1 to 1½ bu.                             |
| Speltz .....                 | 40 1½ bu.                                  |
| Sunflower .....              | 22 2 to 3 lbs.                             |
| Wheat, spring or winter ..   | 60 1¼ to 1½ bu.                            |
| Egyptian Wheat .....         | .. 1½ bu.                                  |
| Vetches, spring or winter .. | 50 1 to 1½ bu.                             |
| Velvet Beans .....           | 60 ½ bu.                                   |

## REFERENCE TABLES—Continued.

## CLOVERS.

|                          | Weight<br>per Bu. | Quantity<br>to sow to<br>one acre.<br>Pound. |
|--------------------------|-------------------|--|
| Alfalfa or Lucerne.....  | 60                | 20 to 30                                     |
| Alsike or Swedish.....   | 60                | 8 to 10                                      |
| Bokhara .....            | 60                | 8 to 10                                      |
| Burr (hulled) .....      | 60                | 12 to 16                                     |
| Burr (hulled) .....      | 15                | 12 to 16                                     |
| Crimson or Scarlet ..... | 60                | 8 to 10                                      |
| Espersette .....         | 32                | 20 to 30                                     |
| Red .....                | 60                | 6 to 8                                       |
| White .....              | 60                | 5 to 6                                       |

NUMBER OF PLANTS ON TREES TO  
ACRE AT GIVEN DISTANCES.

| Distance<br>Apart. | Number<br>Plants. | Distance<br>Apart. | Number<br>Plants. |
|--------------------|-------------------|--------------------|-------------------|
| 12x 1-inch...      | 522,720           | 36x36-inch...      | 4,480             |
| 12x 3-inch...      | 174,240           | 42x12-inch...      | 12,446            |
| 12x12-inch...      | 43,560            | 42x24-inch...      | 6,223             |
| 16x 1-inch...      | 392,040           | 42x36-inch...      | 4,148             |
| 18x 1-inch...      | 348,480           | 48x12-inch...      | 10,890            |
| 18x 3-inch...      | 116,160           | 48x18-inch...      | 7,790             |
| 18x12-inch...      | 29,040            | 48x24-inch...      | 5,445             |
| 18x18-inch...      | 19,360            | 48x30-inch...      | 4,356             |
| 20x 1-inch...      | 313,635           | 48x36-inch...      | 3,630             |
| 20x20-inch...      | 15,681            | 48x48-inch...      | 2,723             |
| 24x 1-inch...      | 261,360           | 60x36-inch...      | 2,901             |
| 24x18-inch...      | 15,520            | 60x48-inch...      | 2,178             |
| 24x24-inch...      | 10,890            | 60x60-inch...      | 1,743             |
| 12x 1-inch...      | 522,720           | 36x36-inch...      | 4,480             |
| 30x 1-inch...      | 209,088           | 8x 1-foot...       | 5,445             |
| 30x 6-inch...      | 34,848            | 8x 3-foot...       | 1,815             |
| 30x12-inch...      | 17,424            | 8x 8-foot...       | 680               |
| 30x16-inch...      | 13,068            | 10x 1-foot...      | 4,356             |
| 30x20-inch...      | 10,454            | 10x 6-foot...      | 726               |
| 30x24-inch...      | 8,712             | 10x10-foot...      | 435               |
| 30x30-inch...      | 6,970             | 12x 1-foot...      | 3,630             |
| 36x 3-inch...      | 58,080            | 12x 5-foot...      | 736               |
| 36x12-inch...      | 14,520            | 12x12-foot...      | 302               |
| 36x18-inch...      | 9,680             | 16x 1-foot...      | 2,722             |
| 36x24-inch...      | 7,260             | 16x16-foot...      | 170               |

AVERAGE TIME REQUIRED FOR GAR-  
DEN SEEDS TO GERMINATE.

|                   | Days.    |
|-------------------|----------|
| Bean .....        | 5 to 10  |
| Beet .....        | 7 to 10  |
| Cabbage .....     | 5 to 10  |
| Carrot .....      | 12 to 18 |
| Cauliflower ..... | 5 to 10  |
| Celery .....      | 10 to 20 |
| Corn .....        | 5 to 8   |
| Cucumber .....    | 6 to 10  |
| Endive .....      | 5 to 10  |
| Lettuce .....     | 6 to 8   |
| Onion .....       | 7 to 10  |
| Pea .....         | 6 to 10  |
| Parsnip .....     | 10 to 20 |
| Pepper .....      | 9 to 14  |
| Radish .....      | 3 to 6   |
| Salsify .....     | 7 to 12  |
| Tomato .....      | 6 to 12  |
| Turnip .....      | 4 to 8   |

TIME REQUIRED FOR MATURITY OF  
DIFFERENT GARDEN CROPS RECK-  
ONED FROM THE DAY OF SOW-  
ING SEED.

|                        | Days.      |
|------------------------|------------|
| Beans, String .....    | 45 to 65   |
| Beans, Shell .....     | 65 to 70   |
| Beets, Turnip .....    | 65         |
| Beets, Long Blood..... | 150        |
| Cabbage, Early .....   | 90 to 110  |
| Cabbage, Late .....    | 135 to 150 |
| Cauliflower .....      | 110        |
| Corn .....             | 75         |
| Egg Plant .....        | 150 to 160 |
| Lettuce .....          | 65         |
| Melon, Water .....     | 120 to 140 |
| Melon, Musk .....      | 120 to 140 |
| Onion .....            | 135 to 150 |
| Pepper .....           | 140 to 140 |
| Radish .....           | 30 to 45   |
| Squash, Summer .....   | 60 to 65   |
| Squash, Winter .....   | 125        |
| Tomato .....           | 150        |
| Turnip .....           | 60 to 70   |

In comparing prices, remember we pay  
the postage on ounces, pounds, pints and  
quarts.

## FERTILIZERS.

**Cotton Seed Meal.**—A good fertilizer for all  
crops. Pound, 15c., postpaid. For 100 pounds,  
\$2.00.

**Pure Bone Flour.**—For top-dressing lawns,  
house-house-plants, etc. Pound, 10c.; 5 pounds,  
25c.; 25 pounds, \$1; 50 pounds, \$2; 100 pounds,  
\$3.50. If sent by mail, add 10c. per pound.

**Nitrate of Soda.**—A fertilizer for all crops.  
Quick in action and hastens maturity of crops  
fully two weeks. Fine for lawns. By express of  
freight, pound, 10c.; 10 pounds, 75c.; 50 pounds,  
\$2.25; 100 pounds, \$5.00.

**Coarse Bone.**—Slow but permanent in action  
indispensable in preparation of grapevine borders  
or for fruit trees or bushes. Five pounds, 25c.;  
50 pounds, \$1.25; 100 pounds, \$2.25; 200-lb. sack,  
\$4.00; per ton, \$35.00.

**Vegetable Grower.**—The best fertilizer for all  
truck and garden crops. Analysis: 7 per cent  
available phosphoric acid, 5 per cent ammonia, 5  
per cent potash. The ammonia is in such form  
as will give the crops a quick start and keep them  
growing. It run shigh in potash, a most im-  
portant plant food for vegetables and phosphoric  
acid in its most available shape. Apply 400 to  
600 pound sto the acre. Price, 100 pounds, \$2.

**WALKER'S  
EXCELSIOR BRAND**  
A SOLUBLE FOOD FOR HOUSE PLANTS



THE WALKER FERTILIZER CO.  
CLIFTON SPRINGS, NY

## Makes Flowers Flourish

Flowers are like people. Their health  
depends upon their food. It must be  
*nourishing*, but not too rich to force  
growth and cause reaction. The one  
chemically correct flower food for  
house plants is

## Walker's Excelsior Brand.

It has no odor whatever, and can be used dry or  
dissolved in water for sprinkling. Use it and your  
flowers will flourish and their health will last.

Small size (feeds 25 plants 6 months) **25c.**;  
large size (enough for a year), **50c.** Sent pre-  
paid anywhere. With each package we send  
FREE the book, "How to Make the Window  
Garden a Success."



## MONTHLY TABLE FOR SOWING VEGETABLE SEEDS.

### JANUARY.

Sow Spinach, Mustard, Carrots, Beets, Leek, White Flat Dutch Turnip, Purple Top Turnip, Lettuce, Endive, Cabbage, Broccoli, Kohlrabi, Cabbage, Parsley, Cress, Chervil, Parsley and Celery, Sorrel, Peas, Irish Potatoes and all kinds of herb seeds; sow Cucumbers, Egg Plants, Pepper and Tomatoes in hot beds for transplanting.

### FEBRUARY.

Sow Spinach, Mustard, Carrots, Beets, Leeks, Radishes, Turnips, Swiss Chard, Kohlrabi, Lettuce, Cabbage, Parsley, Cress, Celery, Peas, Potatoes, Herb Seeds; plant Asparagus Roots, Beans, Cucumbers, Squash, Melons, Corn. End of this month Sweet Potatoes can be planted for slips.

### MARCH.

Sow Beets, Radishes, Lettuce, Spinach, Carrots, Mustard, Swiss Chard, Leeks, Celery, Parsley, Cress, Chervil, Lettuce Plant, Bush and Pole Beans, Endive, Squash, Cucumbers, Melons, Okra, Tomatoes; Egg Plants and Peppers can be sown in the open ground; plant Corn, Irish and Sweet Potatoes.

### APRIL.

Sow Bush and Pole Beans, Corn, Cucumbers, Squash, Melons, Okra, Beets, Carrots, Swiss Chard, Radish, Lettuce, Mustard, Endive, Cress, Parsley, Pumpkins, Celery, Tomatoes, Egg Plants, Pepper, Kohlrabi, Cauliflower; sow German Millet for Hay.

### MAY.

Sow Corn, Melons, Squash, Cucumbers, Egg Plants, Tomatoes, Peppers, Okra, Bush and Pole Beans, Pumpkins, Radishes, Endive, Lettuce; Celery for bleaching can be sown now but requires plenty of water if the weather is dry. Plant Cow Peas and set out Sweet Potato Slips.

### JUNE.

Sow Water and Musk Melons, Cucumbers, Squash, Okra, Pumpkins, Bush and Pole Beans, Yellow and White Radishes, Lettuce, Celery, Cauliflower, Tomatoes, Egg Plants

and Sweet Pepper for a fall crop. Large Adams Corn, if planted now, will make a successful late crop for market.

### JULY.

Plant Pole and Bush Beans, sow Tomatoes, Corn, Cucumbers, Algiers Cauliflower, Endive, Lettuce, Radishes, Turnips, Ruta Baga, Cabbage of all kinds, Kohlrabi, Parsley, Mustard, Beets and Celery.

### AUGUST.

Plant Bush and Pole Beans, Peas, Cabbage, Broccoli, Brussel Sprouts, Kale, Algiers Cauliflower, Parsley, Lettuce, Chervil, Radishes, Mustard, Cress, Beets, Carrots, Celery, set out Shallots and Onion Sets; also Seed Potatoes.

### SEPTEMBER.

Plant extra Early Peas, sow Radishes, Carrots, Beets, Parsley, Mustard, Celery, Corn Salad, Kohlrabi, Leeks, Lettuce, Endive, Turnips, Chervil, Broccoli, Cauliflower, Spinach, Parsley; sow Creole and Bermuda Onion Seeds, set out Shallots and sow Turnip, Rooted Celery and Salsify.

### OCTOBER.

Sow Onion Seeds of all kinds, Cabbage, Cauliflower, Broccoli, Kale, Leeks, Spinach, Mustard, Swiss Chard, Carrots, Beets, Corn, Salad, Kohlrabi, Chervil, Radishes, Lettuce, Endive, Parsnip, Salsify, Peas. Set out Shallots and Artichokes and Strawberry plants.

### NOVEMBER.

Sow Spinach, Corn Salad, Radish, Lettuce, Mustard, Parsley, Chervil, Carrots, Salsify, Parsnip, Celery, Cress, Endive, Cabbage, Peas, Beans, Leeks, Turnips; set out Shallots and Artichokes and Strawberry plants.

### DECEMBER.

Plant Peas for a general crop; sow Spinach, Radishes, Carrots, Lettuce, Endive, Cabbage, Beets, Turnips, Mustard, Leeks. Sow Cauliflower in a frame for a late spring crop. Sow Tomatoes, Egg Plants and Sweet Pepper in hot bed for early plants.

## MONTHLY TABLE FOR SOWING FIELD SEED.

### JANUARY.

Plant Potatoes. The Early Rose and Bliss Triumph. Peerless and other second early varieties may be planted after the first. Texas Red Rust Proof Oats may be sown. Field Corn, Rape and Winter Vetch, Stock Turnips and Stock Beets.

### FEBRUARY.

February is the best month to plant a general crop of Potatoes, as on an average they will succeed better if planted during this month than any other. Plant also Field Corn, Alfalfa, Rape, Vetch, Grass and Clover Seed.

### MARCH.

Sow Sorghum, Kaffir Corn, white and yellow, and Milo Maize for stock food. Field Corn, Alfalfa, Irish and Sweet Potatoes, also Early Garden Corn, Artichokes for hogs.

### APRIL.

Work enumerated above for March may apply to April; also Cow Peas, Millet and Cotton and Peanuts.

### MAY.

Plant Sugar Beets and Mangels for winter stock feeding, all kinds of Sorghum, Millet, Fodder plants, Cow Peas, Soja Beans, Velvet Beans, Peanuts and Cotton, Milo Maize, June Corn.

## MONTHLY TABLE FOR SOWING FIELD SEEDS—Continued.

**JUNE.**

Work enumerated above for May applies to June.

**JULY.**

Cow Peas, Mexican June Corn, Sorghum, Millet, Kaffir Corn, etc.

**AUGUST.**

Cow Peas, Dwarf Essex Rape, Vetch, Irish Potatoes and Rust Proof Oats.

**SEPTEMBER.**

Alfalfa, Barley, Rye, Winter Turf Oats, Wheat, Rescue Grass, Bermuda Grass, Dwarf

Essex Rape, Vetch, Burr Clover, Irish Potatoes, Rust Proof Oats.

**OCTOBER.**

Work enumerated for September applies to October.

**NOVEMBER.**

Alfalfa, Rye, Barley, Dwarf Essex Rape, Hairy Vetch, Rust Proof Seed Oats and Wheat.

**DECEMBER.**

Alfalfa, Vetch, Dwarf Essex Rape, etc.

**MONTHLY TABLE FOR SOWING FLOWER SEED.****JANUARY.**

Continue to sow flower seeds during this month for spring and early summer blooming. The best varieties for now are Verbena, Phlox, Petunia, Summer Chrysanthemum, Lychnis, Flax, Scarlet Sage, Hollyhock, Sweet Alyssum, Snapdragon, Aster, Columbine, Daisy, Wall Flower, Bell Flower, Sweet Sultan, Correopsis, Sweet William, Japan and Carnation Pinks, Larkspur, California Poppy, Heliotropium, White and Red Everlasting Flowers, Candy tuft, Lobelia, Monkey Flower, Love in a Mist, Evening Primrose, Sweet Mignonette, Dwarf Mourning Bride and Pansies, also Japan and Tiger Lilies and Narcissus bulbs for late flowering. In a cold frame sow at the end of the month Balsam, Zinnia, Amaranthus, Cockscomb, Rose Montana, Nasturtium and Evening Glory, and in the greenhouse in pots Begonia, Rex, Begonia Tuberose and Cyclamen. Plant Gladiolus and Freesia bulbs out of doors in sheltered places for early blooming. Set out Rose bushes and flowering ornamental shrubs.

**FEBRUARY.**

Sow flower seed for late spring and early summer, such as Zinnia, Balsams in frame, Torenia, different varieties of Amaranthus, Gomphrenas, etc. Set out Rose bushes and ornamental shrubs, plant Gladiolus and Tuberoses, bulbs, Sweet Alyssum, Candytuft, Snapdragon, Pansy, Aster, Chinese and Japan Pinks, Daisies for late blooming, Lobelia, Reseda, Bottle Pink and Sweet Sultan. Phlox and Verbena may still be sown. Sow Browallia, Cosmos, Correopsis, Sunflower, Sensitive Plant, Cobia Scandens, Rose Montana, Aristolochia Elegans, Tagetes, Salvia and Vinca. Lay in Dahlia bulbs in a hot bed for propagating.

**MARCH.**

Sow Balsam, Zinnia, Amaranthus, Torenia, Dahlia, Cockscomb, Cosmos, Portulacca, Browallia and Sunflower. Plant Gladiolus, Tuberoses and Dahlia bulbs. Set out Chrysanthemums for fall blooming.

**APRIL.**

Sow Balsam, Zinnia, Portulacca, Gomphrena, Torenias and Amaranthus, Browallia, Celosia, Vinca Rosea. Plant Coleus and other foliage plants, Dahlias and Chrysanthemums, Sunflower, Gladiolus and Tuberose bulbs.

**MAY.**

Follow instructions for last month.

**JUNE.**

Follow instructions given for April,

**JULY.**

In the field, orchard and flower garden, nothing can be done this month.

**AUGUST.**

Sow Pansy, Balsam, Zinnia, Cockscomb, Gomphrena, etc., to bloom for November 1.

**SEPTEMBER.**

During this month flower seeds, such as Sweet Peas, Pansy, Daisy, Sweet Alyssum, Candytuft, Stocks, Phlox, Chinese, Japan, Marguerite and Carnation Pinks, Asters, etc., can be sown. Plant Hyacinth bulbs for early blooming at the end of the month.

**OCTOBER.**

Continue to sow flower seeds of all spring blooming varieties. Plant Sweet Peas, Hyacinth, Narcissus, Ranunculus, Anemones, Tulip and Lily bulbs, Pansies, Daisies, Sweet Alyssum, Candytuft, Petunias, Phlox, Verbenas, Columbine, Chinese, Japanese and Carnation Pinks, Snapdragon, Sweet William, Stocks and Poppy. Plant Rye Grass for your winter lawn.

**NOVEMBER.**

Sow flower seeds of all kinds in boxes and transplant when large enough into open ground, such as Pansy, Daisy, Phlox, Petunia, Chinese and other Pinks, Alyssum, Candytuft, Wall Flower, Larkspur, Lobelia, Nierembergia, Poppy and Sweet Peas. Set out Rose bushes and other hardy plants. Plant Hyacinths, Tulips, Narcissus, Jonquils, Anemones and Ranunculus in open ground or flower pots for forcing.

**DECEMBER.**

Plant Hyacinths, Tulips, Narcissus, Jonquils, Ranunculus, Anemones, Japan Lilies. Sow all varieties of winter and spring blooming flower seeds in cold frames to be set out in January and February, as, for instance, Lobelia, Asters, Pansy, Daisy, Phlox, Petunia, Chinese and other Pinks, Alyssum, Candytuft, Wall Flower, Larkspur, Nierembergia, Poppy, Hollyhock, Snapdragon, Flos Adonis, Calceopsis, Heliotrope, Primula and Reseda. Set out Roses and other hardy plants.



## THE HOT BED.

Owing to the mild winters in the South, hot beds are not used as much as in the North, except to raise such tender plants as Eggplants, Tomatoes and Peppers. There is little forcing of vegetables here, excepting Cucumbers and Lettuce; and, if we do not have hard frosts, the latter does better in the open ground than under glass. To make a hot bed is a very simple thing. Any one who has the use of tools can make the wooden frame; the sashes may be obtained from any sash factory. We consider a wooden frame five to six feet wide and ten feet six inches long a very good size. It should be at least six inches higher at the back than in the front, and covered by three sashes  $3\frac{1}{2} \times 5$  feet. The manure should not be over a month old; it should be thrown together in a heap, and when commencing to heat, be worked over with a fork, and the long and short manure evenly mixed. In this State the ground is generally low, and; to retain the heat of manure for a long time, it is best to put the manure on top of the ground—that is, make a bank two feet longer and two feet wider than the frame. Keep the edges straight and the corners firm. When thrown up about eighteen inches trample the manure down to six or eight inches, then put on another layer of eighteen inches and trample down again. Place thereon the frame and and sash, and fill in six inches of good earth. After about five days stir the ground to kill the weeds which have come up, then sow the seeds.

## A COLD FRAME FOR FALL

It is really remarkable what results can be had in the garden long after the frost comes, by the use of a properly built cold frame. The most satisfactory frame we have used is made in sections, three by six feet—the number of sections to be used depending on how much space you want to devote to late plants.

The cold frame is nothing more than four boards nailed together to make the sides, and it should slope slightly toward the south. This is then covered with sash, made of light wood, covered with cloth. Water-proof material may be gotten for this latter from most of the large seed stores, and is preferable on account of its durability.

Success with cold frames in the fall depends on getting your plant well started before the frosts come. A good plan is to build your frame work, and a good size would be six by twelve feet. This would require four cloth frames to cover it, and the total expense should not exceed five dollars for materials. Inside this inclosure can be planted any late summer vegetables that you want to raise. If the sun is particularly hot, put the cover frames on during the middle of the day, but otherwise just give the plants the same attention you would if planted in the spring.

When danger of frost is at hand, put the cover frames on every night, taking them off in the morning, but when the weather gets still colder, leave these cover frames on all the time. You will be surprised at the excellent crop of late vegetables you will have when all your neighbors' gardens are desolate.

If you want to have vegetables all through the winter, you must replace the cloth frames with glass about November 1, and by this means some of the hardier plants, like radishes, beets, string beans and onions, can be had practically all winter, though it will probably be well for winter use to bank your frame all around with fresh horse manure, which would turn your cold frame into a hot frame.

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DON'T BUY CHEAP AND SPURIOUS SEEDS, AS IT IS ONLY A WASTE OF TIME AND MONEY.

**The following varieties of Vegetables are the kind that the Truckers in this vicinity grow for shipment to Northern Markets.**

#### SELECTED SNOWBALL CAULIFLOWER.

Is superior to all others. It is the earliest of all Cauliflowers. Its close-growing, compact habit enables one-third more to be planted on the same space of ground than can be done with other varieties. For forcing under glass during winter and spring Snowball is peculiarly adapted, from its dwarf growth and short outer leaves and for this purpose no other Cauliflower is now so largely grown. The plants are compact, with few short outside leaves. Heads are of medium to large size, solid, compact, round, very white and curd-like. Our strain of Snowball Cauliflower, grown by the most expert Danish and other European growers, is excellent and is intended to supply the most critical trade with seed that can be depended upon as the very best.

#### TOM WATSON WATERMELON.

A new variety combining the eating qualities of the Kleckley and the shipping qualities of the Alabama Sweet. The Watson originated in Georgia and wherever introduced it takes the lead over all other sorts. The fruit is very large, many melons weighing 50 to 60 pounds and measuring 18 to 24 inches in length. The skin is a dark, mottled green; the flesh an intense bright red, solid and tender; the heart is very large, with a very small seed area. Rind is very thin but tough, which accounts for splendid shipping qualities.

#### FINE DOUBLE CURLED PARSLEY.

A very fine curled variety. One of the handsomest for garnishing purposes. The exceedingly curled leaves make it desirable. Extensively raised for shipping purposes. This is a vigorous, compact growing variety. Leaves are very finely cut and closely crisped and curled. Foliage of uniform deep green color.

#### EARLY SCARLET TURNIP RADISH.

One of the handsomest of the turnip Radishes and a great favorite in many large markets for early planting out-doors. It is most attractive in appearance and never fails to give entire satisfaction. Roots slightly flattened on the under side; color very deep scarlet with distinct white tip; flesh white, of best quality.

#### SWEET, SUGAR OR GARDEN CORN.

*White Snowflake Corn.* This is considered one of the best white garden varieties ever introduced in the South. The stalks grow from seven to eight feet and produce two good-size ears each, the cob of which is very small and the grains deep. It is a splendid Corn for shelling and of fine quality for roasting.

*Extra Early Adams.* A splendid garden Corn, with small grains and ears, but maturing early and bringing the highest prices in the market. This is not a sweet Corn, but produces ears well filled with tender, white grains. On account of its hardiness and hard round grain, it can be planted very early.



**The following varieties of Vegetables are the kind that the Truckers in this vicinity grow for shipment to Northern Markets.**

*Early Adams.* Following the Extra Early in season, but with larger grains and ears, but about seven days later. This variety is equally as hardy as the preceding; forms stalks 6 to 7 feet high, ears well filled with excellent white kernels which are larger than the Extra Early. This Corn is the favorite with our market gardeners for extra early roasting ears.

**N. O. MARKET OR CREOLE EGGPLANT.**

This variety is of remarkably vigorous growth, making strong, upright bushes, which are very hardy and productive. Will stand considerable cold weather, and the blossoms are not blighted by the hot sun. It resists drought and wet weather to a wonderful degree. The fruits are of large size.

**IMPROVED RUBY KING SWEET PEPPERS.**

The earliest maturing of the very large sweet peppers and surpassed by none in evenness and shape. The plant is vigorous and upright growing. The fruits ripen earlier than any of the very large sorts on the market and average heavier, as the flesh is unusually thick. Color deep crimson when matured; flavor very mild.

**GIANT GREEN POD STRINGLESS VALENTINE BEAN.**

This new variety should not be confused with Burpee's Stringless Green-Pod, from which it is entirely distinct, resembling more closely the Valentine, the pods averaging one-third larger than those of the latter variety. As early as Six Weeks, a little smaller than Stringless Green-Pods, which it otherwise resembles, with the advantage of being a better cropper. The plants are of strong growth, very productive, pods five inches long, light green, slightly curved, very meaty, being broadly rounded, saddle-backed and absolutely stringless.

**CROSBY'S EGYPTIAN BEET.**

This variety of Beet has now been grown extensively in many sections of the country, and the multitude of good reports received from our customers indicate that it gives most thorough satisfaction.

Color is deep blood-red; fine grained and of unsurpassed quality. The foliage is small—leaves all grow from a very small crown at the top of the bulb. The beets are entirely free from fibrous rootlets, having only a slender tap-root. No up-to-date grower can afford to miss this most excellent sort.

**EARLY FORTUNE CUCUMBER.**

This Cucumber is rightly named. Of but recent introduction, it is creating a furore among the large truck growers of the South. It is the earliest and best dark green white spine Cucumber. Fabulous returns per acre are reported from the marketing of this cucumber, which is as pretty as a picture. They are so far ahead of other varieties that they usually bring double the price, both on account of earliness and beauty. An abundant producer.

**The following varieties of Vegetables are the kind that the Truckers in this vicinity grow for shipment to Northern Markets.**

### SELECTED SUCCESSION CABBAGE.

We can safely recommend this Cabbage as one of the best and surest cabbages to grow. It is a little later than Early Summer, but very much larger (about double the size), and for the market gardner one of the most useful, marketable and profitable cabbages to grow. It is perhaps the safest variety for the amateur to plant as it does well at all seasons and is a very sure cropper. The heads are dark blue in color and being tender and fine keeping are excellent for fall and winter use as well as during the summer.

### WARDWELL'S KIDNEY WAX BEANS.

This is a market-gardener's favorite, especially adapted to long-distance shipments. It is one of the best of the wax varieties. Vines strong, robust and growing very upright, holding the pods well up off the ground. Pods long and almost straight, rather flat and of a beautiful golden yellow color and of good quality. It is growing in favor with the truckers for shipment to the North during the spring months. We recommend it as a market-gardener's variety on account of its earliness, color and shipping qualities.

### GOLDEN SELF-BLANCHING CELERY.

This is the best Celery for early use. This variety is now the leading sort in all markets as an early Celery. The stalks are much broader and heavier than those of the White Plume, and greatly superior in quality. It is ready for use nearly as early, producing a dwarfer and much larger bunches of broad, heavy stalks, blanching to a deep golden yellow. The handsome color, crispness, tenderness, freedom from stringiness and nutty flavor of this variety make it only necessary to be tried in order to establish it as the standard of excellence as an early sort.

### NEW KLONDIKE CUCUMBER.

An attractive dark-green Cucumber, averaging six to seven inches



long and two inches thick; of unsurpassed quality. Its points of superiority are, extreme earliness, a prolific bearer, very hardy, producing fair crops under such favorable conditions as cause many other

sorts to fail; holding its attractive color and crispness for a long time; size just right for a slicing cucumber. Quite firm when small, making an excellent pickling sort.

## THE STONE TOMATO.

The Greatest Canning Tomato in the World.

We venture to assert that more of the Stone Tomato is annually being grown than any other half dozen varieties taken together. This variety has obtained immense popularity with canners, Southern growers and market-gardeners everywhere. Its solidity and carrying qualities are remarkable. Its color is a desirable red. Its shape perfectly smooth, and thicker from stem to blossom end than most varieties, making it very handsome and salable. Nobody finds any fault with this variety, but all speak in the highest terms of its beautiful color, its wonderful yielding qualities, its unequaled firmness, or some other of its good points. Its shape, color and quality adapt it to the fancy trade.

## BIG BOSTON LETTUCE.

*Probably Better Known and More Largely Planted Than Any Other Variety—The Market Gardener's Favorite.*

Heads of good size, just right for the market gardener. Very solid with broad leaves; the best for outdoor or for forcing. Color light green, very attractive. We have made a specialty of this variety and have a stock of this most desirable and popular Lettuce that cannot be surpassed.

## NEW BEAN—BLACK VALENTINE.

This new Bean combines many of the attractive qualities of different varieties of dwarf green-podded Beans grown with great profit in the South. The plant is extremely hardy and early, growing a vigorous, compact, sturdy bush from 12 to 14 inches high. The pods are borne profusely and are very large and extremely handsome in appearance. The beautiful green pods average in length six and one-half inches. These pods are slender and almost perfectly round, slightly curved. The color is a rich dark green, and the pod, while of excellent table qualities, is sufficiently fine grained and firm as to make it a splendid and profitable sort to ship to distant markets. It is becoming very popular in the South, being grown more and more every year. Everywhere this Bean has been tried, growers say it is the best green pod Bean they ever planted. It is ready to gather in fifty days after planting.

## TENERIFFE GROWN BERMUDA ONION.

Crystal white wax. Largely grown by truckers and shippers in Southwest Texas. The bulbs are large, flat and of true Bermuda type. They mature extremely early. The color is a beautiful waxy white. Unexcelled as a market variety or table sort. Thousands of bushels are shipped from Texas to Northern markets every spring, and command highest prices. Plant in South Texas in September and October, in North Texas in February and March.

## HOW TO PACK VEGETABLES FOR SHIPMENT TO NORTHERN MARKETS.

**ASPARAGUS**—Boxes holding one dozen bunches, by express, in carloads, bushel boxes may be used.

**BEETS**—Beets are tied in bunches about 4 beets to the bunch and may be shipped in hampers or bushel boxes without ice. If packed in barrels they should be well iced. Beet shipping in car lots, must be shipped in refrigerator cars, well iced, as they are very apt to heat.



CABBAGE—By express, or carloads, standard open crates.

CAULIFLOWER—Cauliflower should be shipped in bushel boxes without ice, or barrels well iced, by express.

CELERY—By express, bushel boxes holding 3 dozen bunches each, each bunch containing 12 plants of celery.

CUCUMBERS—In the first part of the season cucumbers may be shipped by express in bushel boxes, hampers or barrels. No icing is required by express shipments. In car lots cucumbers may be shipped in barrels or bushel boxes in a well-iced, refrigerator car.

CORN—Sweet corn is very apt to heat in transit and must be shipped in small packages like hampers or bushel boxes. If shipped in barrels green corn must be well iced.

EGG PLANT—By express, bushel crates or hampers, by carloads.

LETTUCE—Shippers at this point have all their lettuce packed in barrels, well iced. Lettuce in barrels may be shipped by express. In car lots lettuce can only be shipped in well-iced, refrigerator cars.

MELONS, CANTALOUPEs—By express, standard crates holding 45 melons. Carloads, the same.

MUSTARD—Mustard, by express, should be shipped in barrels, well iced.

OKRA—Okra is best shipped by express in 1-3 bushel boxes or 1/2 bushel baskets.

ONIONS—Onions should only be shipped in crates or barrels. It is a risky business to ship onions in sacks. Use regular bushel or standard crates.

PARSLEY—Ship parsley only in hampers, bushel boxes or barrels. When shipped in barrels it must be well iced with cracked ice throughout the barrel in layers.

PEAS—English peas should be shipped in 1-3 bushel boxes or hampers. Peas are very heatable and should not be shipped in very large packages.

PEPPERS—Green peppers should be shipped in 1-3 bushel boxes, by express.

POTATOES—In the first part of the season Irish potatoes may be shipped in bushel boxes by express with profit. Later in the season in car lots, ventilated barrels also may be used.

POTATOES—Sweet potatoes should always be shipped in barrels or sacks, by express or car lots.

RADISHES—Radishes are a difficult crop to ship, as the tops are very apt to heat and spoil the sale of the radishes. Radishes may be shipped in bushel boxes, by express. When shipped in hampers or barrels they must be well iced with cracked ice put in layers in the barrels.

SPINACH—Spinach can be shipped in bushel boxes and barrels by express. If shipped in barrels have barrels well iced with cracked ice.

STRING BEANS—By express, use 1-3 bushel boxes and 1/2 bushel baskets. Carloads, 1-3 bushel boxes, bushel crates or hampers may be used.

TOMATOES—The standard crates for tomatoes in car lots or express shipments, or either, the 6-basket or 4-basket crate.

TURNIPS—Turnips with the tops should only be shipped in barrels by express well iced.



# List of Up-to-Date Vegetable Seeds

## ARTICHOKE.

**Large Green Globe**, a most delicious vegetable, which will become more popular when better known. The Large Green Globe is the best variety to grow. It is propagated from suckers, which come up around the large plants. Take them off during the fall and early winter months, plant them four feet



apart each way. Every fall the ground should be manured and spaded or plowed between them; at the same time the surface should be taken off. To grow from seed sow in drills during winter or early spring three inches apart, and one foot from row to row, cover with about one-half inch of earth. The following fall the plants can be transplanted and cultivated as recommended above.

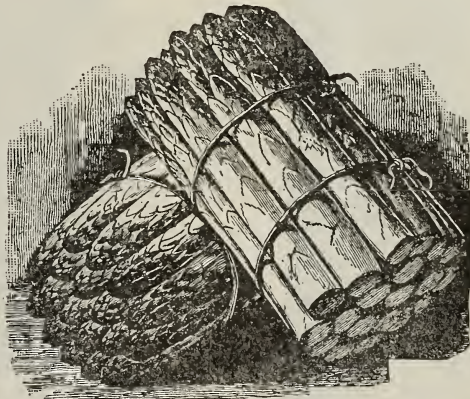
Artichoke plants, \$2.50 per 100; seed, per oz., 40c.;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.00, postpaid.

**Jerusalem (Helianthus Tuberosus)**—The tubers of this variety are especially for hogs, though frequently used on the family table. They are wonderful yielders, and should be planted on rich loams and cultivated, like potatoes. Price per pound, postage paid, 25c.; per bushel at market prices, which are fluctuating.

**Asparagus**—It thrives best in the moist, sandy saline soil, near the Gulf coast. One hundred roots set in a bed 16x20 feet, if cultivated according to the following directions, will give an abundant supply for an ordinary family, often averaging thirty-five shoots to the hill, one inch in diameter, six to eight inches long. To transplant from

seed: Sow either September 1 or March 1. Pour hot water over seed and soak in a warm place twenty-four hours before planting, sow in drills, twelve inches apart, two and a half ounces seeds to 100 feet of row. When plants are up, thin out to two inches apart, cultivate thoroughly and transplant in permanent beds the following fall or spring.

**From Roots**—Plant well grown one-year-old roots. Make rows four feet apart and about six inches deep. Set the roots in the bottom of the rows two feet apart, cover without about three inches of rich soil. Cultivate the plants thoroughly as they grow and fill the trench gradually at each hoeing until level with the surface of the bed. In early winter, before time of cropping, spade in a heavy dressing of well-rotten manure. Keep well cultivated during entire growing season. Keep up the fertility and do not cut too often first year before roots are well established. Allow stalks to grow and shade the ground during summer months, cutting and cleaning off growth in fall.



Columbia White Mammoth Asparagus.

**Columbia White Mammoth**—This is an entirely distinct variety, producing stout, white and very tender sprouts, which remain fit for use longer than any other variety.

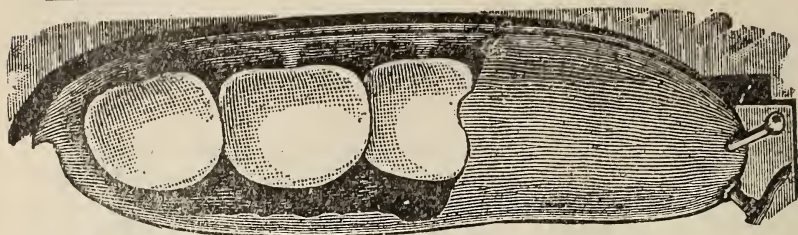
Roots, per 100, 75c. Seed, per oz., 10c.;  $\frac{1}{8}$  lb., 25c.; lb., 75c., postpaid.

**Palmetto**—An excellent variety, especially adapted to the South.

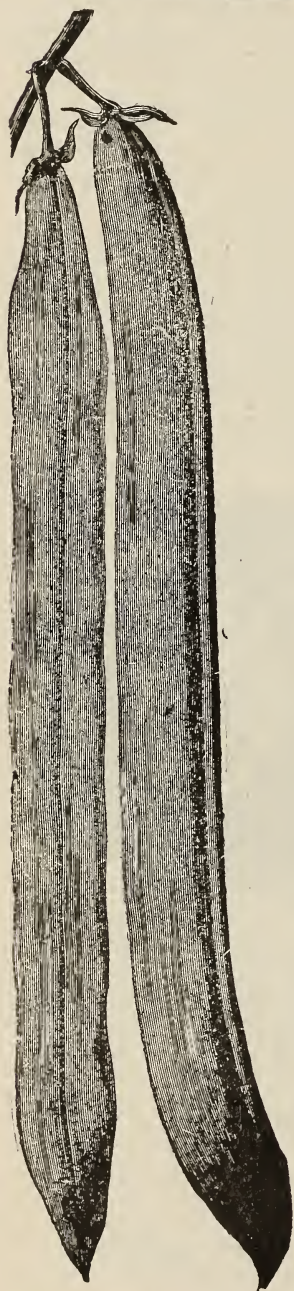
Roots, 75c. per 100; \$6.00 per 1,000. Seed, per oz., 10c.;  $\frac{1}{4}$  lb., 25c.; 1 lb. 75c., postpaid.

**LARGE BUYERS**—WE WILL QUOTE SPECIAL PRICES ON ONION SEEDS ON REQUEST. SEND US LIST OF YOUR REQUIREMENTS.





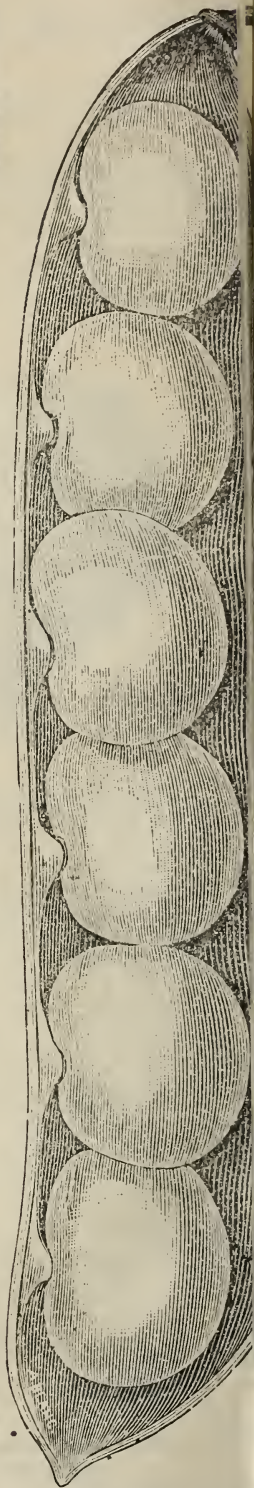
Bush Lima Beans.  
See Page 15.



French Market Bush Bean  
See Page 15.



White Crease Back Pole Bean.  
See Page 17.



King of the Garden Lima  
See Page 15.

# BEANS--Dwarf or Bush

One quart will plant 100 hills; 1½ bus. will plant an acre; an acre should yield 20 bushels of "snaps," and should be ready to pick in six to seven weeks after planting.

**Culture.**—Sow in drills two feet apart, dropping a bean every four inches in rich, warm, moist soil. Cover about two inches. Be certain your soil is well drained, and that every facility is given the surface water to run off quickly. Plant early and take the chances of a frost, for it is the early crop that pays both the local gardener and the shipper. Beans do well planted in our Southern sub-tropical line during the months of March, April, May, August, September and October. Cultivate shallow and frequently, and draw the earth to the plants when the blooms first appear. It is wise to purchase seed only from seedsmen of practical experience and commercial standing. The difference between good and bad seed is always the difference between a profit and a loss.

**NOTE:** Do not plant Lima Beans when the soil is cold and wet, or the seed will rot. The soil must be warm and not too wet. Bear this in mind and there will be no failure with this crop. The same directions may apply to Okra.

## GREEN POD.

**Black Valentine**—Hardy and very productive. Pods long and round. A later variety than Red Valentine. Recommended for shipping.

Qt., 50c; pk., \$2.50

**Burpee's Stringless Green Pod**—An early-maturing, round, fleshy podded variety of fine quality. Pods straight, brittle and entirely stringless.

Qt., 40c; pk., \$2.00

**Early Mohawk**—Hardier than other sorts, May be planted earlier and will often furnish beans before any other kind.

Qt., 40c; pk., \$1.50

**Extra Early Refugee**—Very early, prolific; fine quality; a great favorite for canning.

Qt., 40c; pk., \$2.00

**Giant Stringless Green Pod**—A decidedly favorite sort. In the Southwest many people prefer this large bean (often six inches long) to the regular size. Very early, tender and absolutely stringless.

Qt., 40c; pk., \$2.00

**Long Yellow Six Weeks**—Very early and productive; one of the best market varieties; tender and of fine flavor.

Qt., 40c; pk., \$1.50

**Red Valentine**—A favorite for market and home gardens. Pods medium length, curved, cylindrical, with crease in back.

Qt., 40c; pk., \$2.00.

**Red Kidney**—Red seed.

Qt., 40c; pk., \$1.50

**Best of All**—Early and superior; round, green and fleshy pod.

Qt., 40c; pk., \$1.50

**Longfellow**—Early and prolific; pods long and very tender.

Qt., 40c; pk., \$2.00.

**French Market Green Pod Bush**—An ideal snap bean, a prolific producer of round, straight, solid, fleshy pods, averaging over six inches in length, tender and brittle and having no string, except when quite old. The flavor is delicious. This is the ideal bean for market.

Qt., 40c; pk., \$2.00.

## BROAD BEANS.

**English, or Broad Windsor**—The celebrated broad ben of England, growing on a strong stalk two feet high; beans eaten shelled.

Qt., 35c; pk., \$1.50.

**Refugee, or Thousand-to-One**—Round pod; very productive and tender; medium early.

Qt., 40c; pk., \$2.00.

## LIMA BEANS--Bush or Pole

**Burpee's Bush Lima**—Splendid dwarf Lima; large and of excellent quality.

Qt., 40c; pk., \$2.00

**Carolina or Sieva Pole**—Seeds are small and rather kidney shaped; grows vigorously and emits short lateral branches; very prolific and one of the earliest.

Qt., 40c; pk., \$2.00

**Henderson's Bush Lima**—A dwarf variety of the Seiva or Southern Lima; produces enormous crops.

Qt., 40c; pk., \$2.00

**King of the Garden Lima Pole**—Pods and Beans large, productive and delicious.

Qt., 40c; pk., \$2.50

## SPECIAL NOTICE

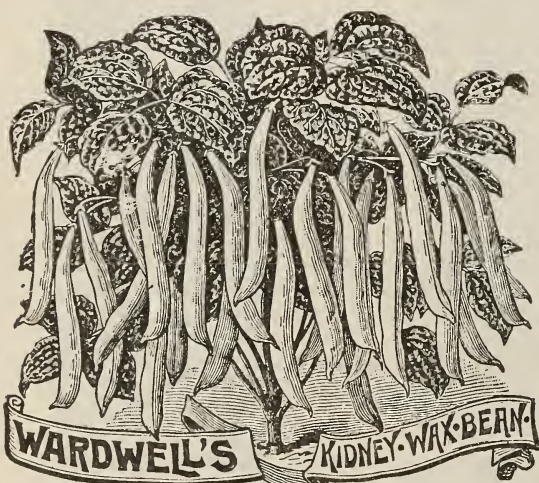
In rearranging our Catalog and Garden Guide for 1914, we have discarded all varieties of vegetable, field and flower seed that were of not real merit. You can depend upon all varieties listed as being first-class in every way and worthy of a trial.

ASK US FOR SPECIAL PRICE ON BUSHEL LOTS OF THE ABOVE VARIETIES OF BEANS.





Black Valentine Beans. (See Page 15.)



Giant Stringless Beans.

See Page 17.

**REMEMBER**—At prices quoted postpaid on seeds by the packet, ounce, quarter-pound and pound we deliver at your postoffice or nearest express office all charges paid. If you order pounds quoted by mail postpaid to be shipped by express at your expense you can deduct 10c per pound from mail prices.



## BEANS—Continued

**DWARF BUSH OR SNAP---WAX  
PODDED SORTS**

**Wardwell's Kidney Wax, Flat Pod**—The favorite SHIPPING Bean for this section is early, prolific, a splendid shipper, as well as a desirable garden variety; pods long, straight, medium flat and of a creamy color; a good keeper.

Qt., 50c; pk., \$2.50

**Davis Kidney Wax, Flat Pod**—An Exceptionally Hardy, Productive, White-Seeded, Wax-Podded Sort—Pods very long, white, straight and handsome. The most hardy and productive bush wax-podded Bean. Vine rustless, vigorous. When young the pods are very brittle, crisp and tender. The dry Beans are kidney-shaped, clear white and excellent for baking. Best of all for shipping as Snap Beans. The perfect shape and fine color of the pods and the clear white seed make this one of the best sorts for canners.

Qt., 50c; pk., \$2.50

**Scarlet Flageolet Wax**—This variety to do especially well in the South and is a favorite with many truck farmers. The vines are large, strong growing, erect and produce very long, flat, rather coarse, but beautiful wax-like pods which, though often curved and twisted, are always handsome. Seed large, flat, red.

Qt., 50c; pk., \$2.50

**Hodson Wax**—Vine exceedingly vigorous, hardy and productive. Pods clear creamy white, very long, straight or slightly curved, flat but fleshy and of good quality, matures its crop late. Seed long, cylindrical, uniform in shape; color dull purplish red, splashed with pale buff.

Qt., 40c; pk., \$2.50

**California Rust-Proof Wax Bean**—This is a market-gardener's favorite, especially adapted to long-distance shipments. It is one of the earliest of the wax varieties. Vines strong, robust, and growing very upright, holding the pods well up off the ground. Pods long and almost straight, rather flat and of a beautiful golden yellow color and of fairly good quality. It is growing in favor with the truckers for shipment to the North during the spring months. We recommend it only as a market-gardener's variety on account of its earliness, color and shipping qualities.

Qt., 40c; pk., \$2.50

## POLE, OR RUNNING BEANS.

**Culture**—Sow in a rich soil, in well manured hills, three feet apart each way, covering to a depth of two inches. In each hill set a pole eight or ten feet long, around which plant five or six beans and afterward thin out, leaving four strong plants to each hill.

**Asparagus, or Yard Long**—Interesting and popular among those who raise it, this bean is still a novelty to many gardeners. No more tender or finer flavored bean ever went into the pot. Every housewife will appreciate the entire absence of strings in the Asparagus Bean, and it should be grown in every home garden.

Pkg., 25c

**Creaseback**—Very early pole snap. Pods grow in clusters.

Qt., 50c; pk., \$2.00

**Cut Short**—An old variety pole bean, sometimes known as "Cornhill," from the fact that it is quite often planted with corn and allowed to climb up the stalk. Pods are short, round, tender.

Qt., 50c; pk., \$1.80

**Dutch Case Knife**—A very good pole bean; early; pods broad and long; used as snap and shell.

Qt., 50c; pk., \$1.80

**Kentucky Wonder, or Old Homestead**—A vigorous grower, wonderfully productive. The pods, in great clusters, are long and tender.

Qt., 50c; pk., \$2.00

**Kentucky Wonder Wax**—Similar to above, yellow pods.

**Lazy Wife**—Pods six to eight inches long, entirely stringless, of a rich, buttery flavor as a snap bean; also a good white shell bean for winter. Of finest flavor.

Qt., 50c; pk., \$1.80

**Early Golden Cluster Wax**—A well-known early and very beautiful sort. Vines large, strong growing, vigorous, hardy; leaves large, light green, crimped; pods six to eight inches long, borne in abundant clusters.

Qt., 50c

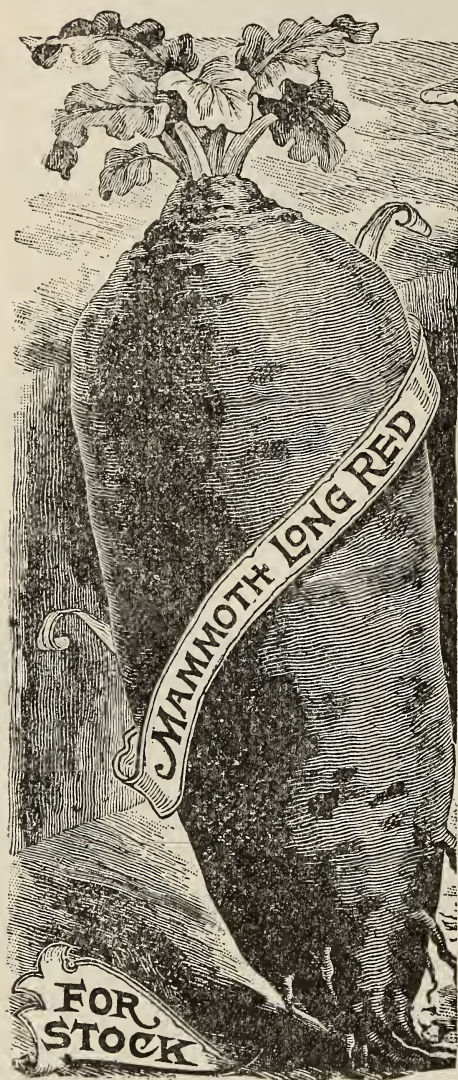
**White Kentucky Wonder**—A novelty of recent introduction, possessing all the qualities of its green-pod namesake.

Qt., 50c; pk., \$2.00

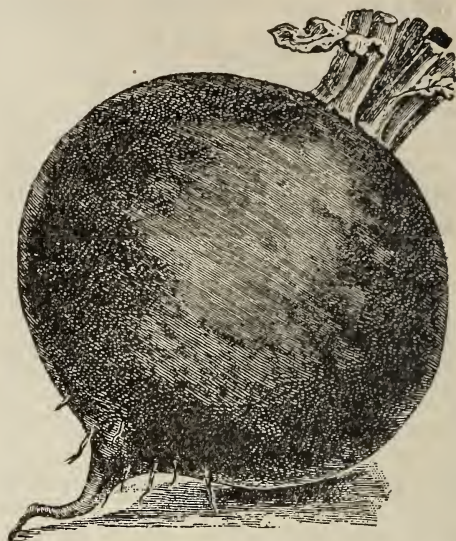
**Southern Prolific**—Popular in the South; very productive; quality good; best bean to plant in the summer months.

Qt., 50c; pk., \$2.00

ASK US FOR SPECIAL PRICE ON BUSHEL LOTS OF THE ABOVE VARIETIES OF BEANS.



See Page 19.



Eclipse Beet.  
See Page 19.



Vilmorin's Improved Sugar Beet.  
See Page 19.

NEVER PLANT A CROP OF ANY KIND OF SEED WITHOUT FIRST TESTING THEM  
FOR GERMINATION.



**BEETS****FOR TABLE USE.**

**Culture:** Drill in deep sandy loam 18 inches between rows and thin out to 3 inches in the drill. Firm the soil when seeds are planted. Soaking overnight in medium weak liquid manure will hasten germination. If wanted early sow in frame or greenhouse and transplant to the open when warm enough. In our Southern climate best results are had from sowings in July, August and September. Keep the soil well cultivated, and do not neglect fertilization. The home market requires large roots, while the Northern markets prefer small, symmetrical, smooth roots.

**Dark Red Egyptian**—Very desirable; not as attractive in appearance as Crosby's, but equally as good a cooker and much darker. It is probably more generally planted than any other one variety.

**Dewing's Blood-Red Turnip**—A great favorite in the Houston market on account of its size and smoothness.

**Detroit Dark Red**—A favorite with our trade; the dark color is retained after cooking, and the roots are of good size, smooth and well shaped, and with exception of Eclipse commands a higher price than all other Beets.

**Lentz**—Originated in Philadelphia and therefore an American variety. In color a deep red; in shape rather flat, and in flavor excellent.

**Long Smooth Blood**—Will mature in sixty days and is a great dry-weather Beet. Is a desirable family Beet and remains edible a long time after maturing.

**Silver Beet or Swiss Chard**—This variety is cultivated for its large, succulent leaves, which are used for the same purposes as Spinach. It is very popular in all markets.

**Bollwinkle's Early Turnip**—Rich blood-red, fine grain and flavor.

**Eclipse**—Extremely early; bright red; fine grained; small top; tender and shapely—and what more could be asked? This is the best Beet for bunching.

**Crosby's Egyptian**—Really the best of the early varieties, though not so quick in maturing as the Eclipse. It is crisp, tender and of good color when cooked.

**Edmonds**—Sweet and tender and of uniform growth; flesh darker than the skin; very popular.

**Early Blood Turnip**—Quite early; grows to a very large size and is edible in all stages of its growth; is blood red in color, even when cooked; a splendid truck or family Beet.

Price on all the above varieties of beet seed, postpaid—

Oz., 10c;  $\frac{1}{4}$  lb., 25c., 1 lb., 90c

**STOCK BEETS.**

**Culture**—Sow from October to May on well cultivated, deep, rich soil in drills twenty-four to thirty inches apart. Eight pounds will sow an acre. Invaluable for stock feeding.

**Champion Yellow Globe**—Its shape and yield makes it one of the best varieties that can be grown; easily harvested.

Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c

**Golden Tankard**—Rapid grower and very well adapted to this section. Everybody has success with it.

**Mammoth Long Red Mangel**—The largest of the Mangel family.

**SUGAR BEETS.**

**Vilmorins' White French Sugar**—Rich in saccharine matter, and a pure stock Beet.

**Klein Wanzleben**—Heavy yielder, rich in food value and acceptable to stock.

Both the above are heavy yielders, rich in blood and are valuable and acceptable stock feed.

Oz.—Postpaid.... 10c  $\frac{1}{2}$ -lb.—Postpaid. 30c  
 $\frac{1}{4}$ -lb.—Postpaid... 20c 1-lb.—Postpaid.. 50c

**CHERVIL.**

**Culture**—Sow any time except in hottest months, and transplant to rows twelve or more inches apart and twelve inches apart in row. No special care required, as only leaves are used for garnishing and flavoring. Used for flavoring soups and stews; also for salads and garnishing.

Oz., 10c;  $\frac{1}{4}$ lb., 35c; 1 lb., \$1.25

**CORN—SALAD.**

**Culture**—Requires the same care as lettuce and put to same uses; also cooked as a substitute for spinach. Sow any month in year.

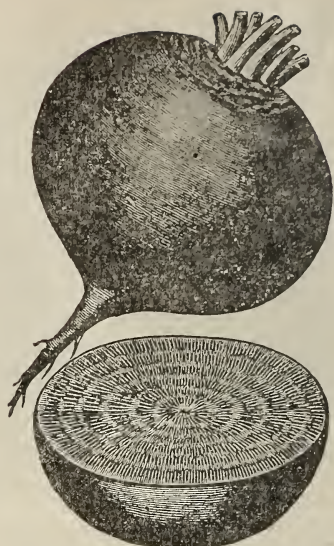
**Fetticus, or Lamb's Lettuce**—

Oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00





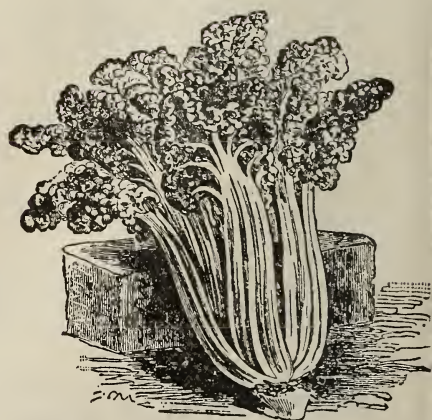
**Improved Blood Turnip Beet.**  
See Page 19.



**Crosby's Egyptian Beet.**  
See Page 19.



**Bollwinkle's Early Turnip Beet.**  
See Page 19.



**Swiss Chard or Silver Beet.**  
See Page 19.

# CABBAGE

(We desire to impress upon our friends the fact that the Cabbage Seeds listed in this catalogue are grown especially for us on Long Island, from selected heads, and are as true to name and description as skilled growing can make them. We do not, and will not, handle European grown seeds, nor do we ever buy Cabbage or other seeds in the open market. Our customers can therefore rely upon getting Cabbage Seeds true to name and of the best possible vitality.)

**Culture:** Cabbage requires a rich soil, plowed deep and heavily manured, and the plants must be thoroughly cultivated. The seed bed must not be rich, but when plants are set out for constant and steady growth, frequent application of manure is almost necessary. Close watch must be kept for insect enemies and their destruction effected immediately on the first appearance. Eternal vigilance and persistent labor is essential to a good cabbage crop.

One ounce of seed will produce about 1,500 plants, and six ounces should be sown to set out an acre. Ready for market in 60 to 150 days, according to variety. Intelligently grown, it is a most profitable trucker's crop.

## FIRST EARLY SORTS.

**Charleston (or large Wakefield)**—Of the same appearance, habit and general character as the Jersey Wakefield, excepting the heads are larger.

Oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00

**Early York**—Heads small, heart-shaped, firm and tender.

Oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50

**Early Dwarf Savoy**—Head rather small but solid; leaves very curled and succulent; of a dark green color. Very fine for family garden.

Oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00

**Early Jersey Wakefield**—The earliest and hardest heading of first early Cabbages.

Oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00

## SECOND SORTS.

**Stein's Dwarf Flat Dutch**—A great favorite, owing to its uniform size, good heading and heat-resisting properties. Heads are large and are second early in the market.

Oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.80

**Early Summer**—An early, large-headed Cabbage; plants strong growing, with large spreading outer leaves. Heads flat, and keep longer without bursting than most of the early sorts. Valuable for both family and market.

Oz., 20c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.50

**Succession**—A sure heading, long-keeping variety, similar to All Seasons, and producing well-shaped heads, having few small outer leaves.

Oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.10

**Autumn King or World-Beater**—An extremely large and solid heading variety. The plant is of extra strong growth, with dark bluish-green leaves growing closely about the large flattened heads. In good soil it will produce heads of enormous size, but, of course, requires a longer season for growth than do the smaller varieties.

Oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00

**Early Drumhead**—A similar variety of Early Flat Dutch; earlier, and not making as many leaves, it can be planted close. A good early spring cabbage.

Oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.80

**Creole**—A Northern strain of Flat Dutch growth in Louisiana some years, making it a hybrid; can be planted as early as June 1st. It is generally used for bunch greens, but often affords a good, hard head.

Oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.60

**Large Brunswick**—A standard winter variety.

Oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.10

**Early Winningstadt**—Belonging to the Cónical or Wakefield variety, it produces very solid heads.

Oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00

**All Seasons**—One of the earliest of the second early sorts. Heads very large, round, but usually somewhat flattened; very solid.

Oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00

## LATE, OR WINTER SORTS.

**Hollander, or Danish Ball Head**—Very hardy, handsome, solid, of fine quality and as one of the very best keepers it is particularly desirable for distant markets or for late spring use. Plant vigorous, compact growing, with longer stem than most American sorts and exceedingly hardy in resisting cold and dry weather; leaves large, thick, bluish green covered with whitish bloom. Heads medium sized, round, very solid and stands shipment better than any other.

Oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.10

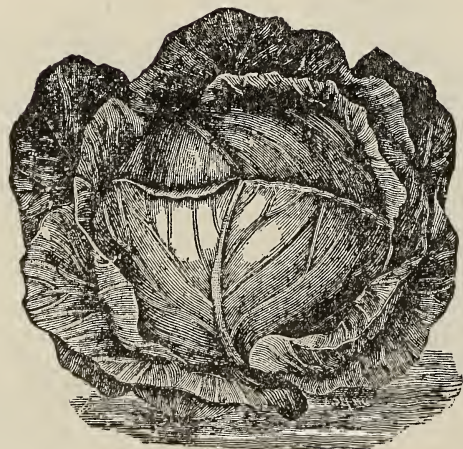
**Superior Late Flat Dutch**—We have taken great pains to develop and maintain the good qualities which have made this sort so popular, and we offer a strain remarkably uniform in size and type. A thousand plants can be depended upon to produce from nine hundred and fifty to one thousand large, oval, solid heads of splendid quality, which will keep for a long time in the best condition.

Oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.60





Bollwinkle's Giant Winter Cabbage.  
See Page 23.



Selected Succession Cabbage. -  
See Page 21.



Superior Late Flat Dutch.  
See Page 21.

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NEVER PLANT A CROP OF ANY KIND OF SEED WITHOUT FIRST TESTING THEM  
FOR GERMINATION.



**CABBAGE—Continued.**

**Large Late Drumhead**—A standard winter cabbage.

Oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$1.80

**Crescent City Flat Dutch**—This variety has been sold under the name of No. 1. It is the most uniform heading cabbage, suitable for this section; heads are large and solid. About two weeks earlier than the Superior Large Late Flat Dutch. Recommend the same, highly.

Oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$1.80

**Bollwinkle's Giant Winter**—The very best late Cabbage in existence. It never fails to make a crop; runs heavy in weight owing to its solidity; is the longest keeper of any; gets bigger and better the longer it stands and never rots or bursts; resists drouth and insects by its sturdy constitution; can be cut as early as any late sort, continues growing after others have matured.

Oz., 25c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.60

**Red Drumhead**—Used for pickling. Large very solid, color deep red.

Oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00

**CARROTS**

**Culture**—Sow any time in deep, loose soil, preferably sandy loam about one-half inch deep, in rows eighteen inches apart and thin to three inches apart. Water freely at all times.

The carrot is one of the most wholesome and nutritious of our garden roots, deserving to be more extensively used for culinary purposes, and we urge our readers to give some of the early sorts a trial. For feeding stock, especially horses and milch cows, the carrot cannot be surpassed, and it should be more largely grown by farmers for this purpose. One ounce of seed will sow about 150 feet of row. Four pounds to the acre.

**Early Chantenay**—This is the best early carrot grown for market gardeners. Six inches long, stump rooted, smooth, deep red, fine grained and sugary, not apt to crack.

Oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb. \$1.00

**Early Scarlet, or Short Horn**—One of the most popular varieties for table use; color deep orange.

Oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb. \$1.00

**Improved Danvers Half Long**—A first-class carrot for all soils; in form midway between Long Orange and Short Horn. Of a rich, dark orange color, very smooth and handsome; twenty to thirty tons per acre is not an unusual crop.

Oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., 90c.

**St. Valerie**—Market gardeners' favorite, long, red, intermediate.

Oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb. \$1.00

**Improved Long Orange**—A well known standard sort; roots long, thickest near crown, tapering regularly to a point; color deep orange. Suitable for the table and main field crop.

Oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb. \$1.00

**Oxheart or Guerande**—Top from four to five inches in diameter. Flesh bright orange, fine grained, and sweet. Fine quality for table use and equally good for stock.

Oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb. \$1.00

**CARROTS.****For Stock Feeding.**

**Large White Belgian**—Grows one-third out of the ground. Roots pure white, green above ground, with small top. Flesh rather coarse. The roots on light, rich ground grow to a large size and are extensively grown for stock feeding.

Oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 80c.

**Yellow Belgian**—A good field variety, similar to White Belgian in shape and size, but of orange color.

Oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 80c.

**CAULIFLOWER**

**Culture**—Sow early varieties after July 1; late varieties in the spring, in deep, loose soil, broadcasted, and transplant to fifteen inches apart in rows two and a half to three feet apart; and give careful culture and watering at all times, as checked growth brings poor results. One ounce of seed will produce 2,000 plants.

**Extra Early Erfurt**—Remarkably sure heading, early variety, of dwarf habit; similar, though not as early as Snowball.

Oz., \$2.00;  $\frac{1}{4}$  lb., \$6.00; 1 lb., \$20.00

**Dry Weather Cauliflower**—Admirably adapted for the arid regions of the Southwest. Heads large as Snowball and almost as early; solid, pure white and of excellent quality.

Oz., \$2.00;  $\frac{1}{4}$  lb., \$6.00; 1 lb., \$20.00

**Half Early Paris, or Nonpareil**—One of the best and good for either early or late.

Oz., 75c;  $\frac{1}{4}$  lb., \$2.50; 1 lb., \$8.00

**Henderson's Early Snowball**—A variety held in great esteem by market gardeners for its earliness and reliability as a sure header.

Oz., \$2.00;  $\frac{1}{4}$  lb., \$6.00; 1 lb., \$20.00

**Large Algiers**—A splendid late variety; heads large, white, solid. One of the best for market gardeners. Our stock is extra fancy. Plant in this vicinity in May.

Oz., 50c;  $\frac{1}{4}$  lb., \$1.75; 1 lb., \$6.00

**Lenormand's Short Stemmed**—A compact grower, very hardy, heading late, and producing many protecting leaves.

Oz., 75c;  $\frac{1}{4}$  lb., \$2.50; 1 lb., \$8.00

**Early Italian Giant**—A large sort of robust habit; heads compact, large outer leaves. Succeeds well in Southern latitudes.

Oz., 40c;  $\frac{1}{4}$  lb., \$1.50; 1 lb., \$5.00

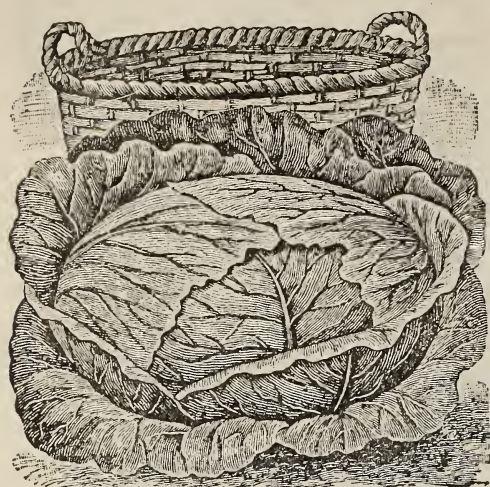
**COLLARDS.**

**Culture**—The same as for Cauliflower.

**True Georgia**—The well known large variety; grows four to five feet high; forms large, loose head; leaves purplish.

Oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00



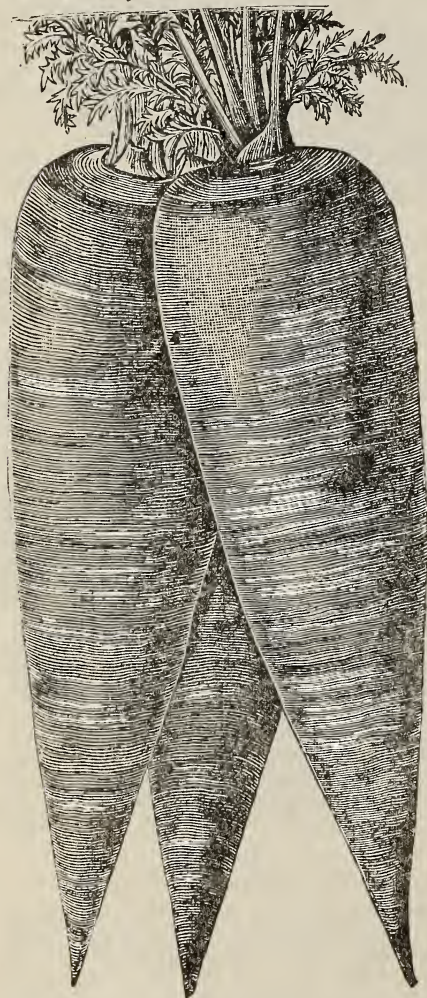


Stein's Early Flat Dutch (See Page 21.)



Georgia Collards.

See Page 23.



Danver's Half-Long Carrot—(See Page 233.)



Chantenay or Stump Carrot.  
See Page 23.



**CRESS, OR PEPPER GRASS.**

**Culture**—Sow in rich soil in cool, shady place in drills one foot apart. Must be well and frequently watered.

**New Upland Cress**—Has the highly prized flavor of water cress. It is a perennial plant, and can be grown for several years without renewal.

Oz., 20c; ¼ lb., 50c; 1 lb., \$1.50

**True Water**—This is quite distinct from the last, and only thrives when its roots and stems are submerged in water.

Oz., 30c; ¼ lb., \$1.00

**CELERY****THE BOLLWINKLE SEED CO.'S SUPERIOR CELERY.**

6 Ozs. Seed to the Acre.

**Celery** is a very important crop; usually a well-paying one, and has come into such general use that almost every garden has a bed devoted to its growth. The rich nutty flavor of well-blanching celery, grown in rich ground, is simply excellent.

**Culture:** Sow the seed (which is slow to germinate) in shallow boxes, or in a finely prepared seed bed out of doors, in straight rows, so that the small plants may be kept free from weeds.

See to it that the seed bed is kept moist, almost wet, until the seeds germinate, as plenty of moisture is essential to get a satisfactory growth. When about two inches high, thin out and transplant so that they may stand three inches apart, and when the plants are four inches high, cut off the tops, which will cause them to grow stocky. The crop is usually made to succeed some earlier one, but in order to grow good celery, the soil must be made as rich as possible; the essentials to success being very rich soil and plenty of water. In setting prepare broad, shallow trenches about six inches deep and four feet apart, in which the plants should be set six inches apart, cutting off the outer leaves and pressing the soil firmly about the roots. When the plants are nearly full grown they should be "handled," which is done by one man gathering the leaves together while the second draws the earth about the plant to one-third its height, taking care that none of the earth falls between the leaves, as it would be likely to cause them to rust and rot. After a few days draw more earth about them and repeat the process every few days until only the tops of the leaves are visible, or the leaves may be pressed together by two wide boards, held firmly a few inches apart by cross ties and stakes, when in a few days more it will be fit for use. Care should be taken that the plants are not disturbed while the ground is wet, as it would be sure to injure them.

**Giant Pascal**—Stalks very large, thick, solid, crisp and of a rich, nutty flavor; blanches easily and quickly.

Oz., 20c; ¼ lb., 60c; 1 lb., \$2.10.

**Golden, Self-Blanching, Claifornia Stock**—Similar to the French Stock; seed raised in California from selected plants.

Oz., 60c; ¼ lb., \$1.75; 1 lb., \$6.00.

**White Plums**—We offer a choice strain of this valuable and popular variety. It is unsurpassed for fall and early winter use, requiring very little earthing up to blanch it.

Oz., 30c; ¼ lb., 85c; 1 lb., \$3.00

**Celery Seed for Flavoring,**

Oz., 10c; ¼ lb., 15c; 1 lb., 45c.

**CELERIAC, or Turnip-Rooted Celery.**

An improved form of turnip-rooted celery, excellent for soups and stews. Produces roots of nearly globular shape and comparatively smooth surface.

Pkt., 5c; oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., \$2.00.

**Golden Yellow Self-Blanching**—This is the best celery for early use. It is in condition as early in the fall as any and we have yet to find an extra early sort equal in quality and appearance to our stock of Golden Yellow Self-Blanching. Critical gardeners generally depend upon our stock to produce their finest early celery. Plants of medium size, compact and stocky, with yellowish green foliage. As they mature the inner stems and leaves turn a beautiful golden yellow so that blanching is effected at a minimum expenditure of time and labor. The handsome color, crispness, tenderness, freedom from stringiness, and fine nutty flavor of this variety have fully established it as the standard first early sort.

Packet, 10c; oz., \$1.00; ¼ lb., \$3.75

**CUCUMBERS**

**Culture**—Sow for early crops in March, and for succession, monthly to September. In frostless locations, September sowing will bring winter crop. Sow six to ten seeds in hills four to six feet apart and pull out all but three strongest plants. Best soil is a light, sandy, rich one, retentive of moisture. One ounce will plant fifty hills; three pounds will plant one acre.

**Arlington White Spine**—A strain improved through careful selection. Two weeks earlier than the ordinary White Spine.

Oz., 10c; ¼ lb., 25c; 1 lb., 90c

**Davis Perfect Cucumber**—New—One of the very handsomest of the very long white spine cucumbers.

Oz., 10c; ¼ lb., 30c; 1 lb., 90c.

**Early Fortune**—Highly esteemed for the attractive medium-sized pickles which it produces. It bears profusely. The fruits are dark green, tender, crisp, and fine for slicing. They are of uniform, cylindrical shape.

Oz., 10c; ¼ lb., 25c; 1 lb., 90c

**Evergreen White Spine**—Beautiful in shape and color and of the finest quality. The fruit is long, cylindrical, dark green, with very white, crisp and tender flesh. The vine is vigorous and productive.

Oz., 10c; ¼ lb., 25c; 1 lb., 90c





Large Algiers Cauliflower.  
See Page 23.



Golden Self-Blanching



Early Snowball.  
See Page 23.

#### CUCUMBERS—Continued.

**Perfected Long White Spine**—A selected strain of the White Spine. Is very uniform in size and exceedingly early; makes long growth—ten to twelve inches. The variety for forcing and early market.

Oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00

**Klondike**—A splendid variety of the White Spine family; very early.

Oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb. 90c.

**Long Green**—Long and crisp; well known and popular.

Oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb. 90c.

**Japanese Climbing**—While all cucumbers are running vines this variety is much more so. It also, quickly climbs on poles or trellises. It is entirely distinct. Quality is splendid. Well adapted for pickling as well as for slicing for salads.

Oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.25

**N. O. Market**—Very long and dark green, and superior for table use.

Oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 90c

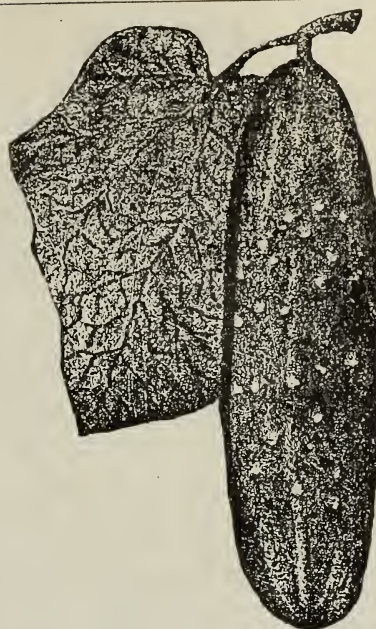
**West India Gherkin**—Oval-shaped; prickly; for pickling only.

Oz., 25c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.50



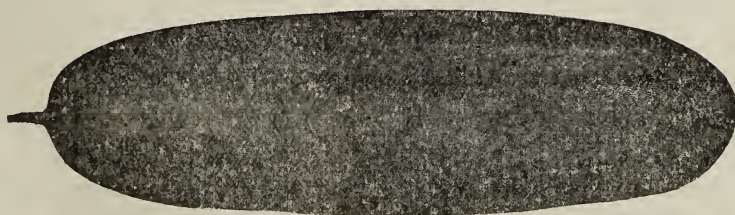


See Page 26.

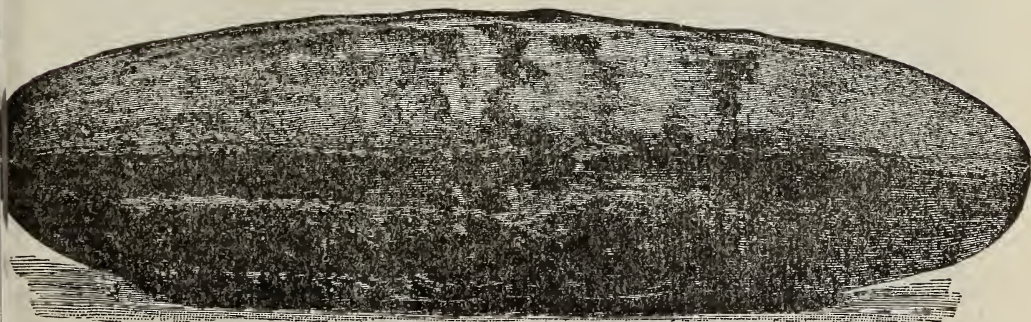


Early Fortune Cucumber.

See Page 25.



New Klondike Cucumber.—(See Page 26.)



New Orleans Market Cucumber.  
See Page 26.



# CORN

## CHOICE SELECTED SEED CORN.

1 Qt. Corn to 300 Hills, 8 Qts. to the Acre.

**Cultivation:** Plant in hills about three feet apart, drop four or five grains and thin out to two or three. Where the ground is strong the Adams Early Extra and Country Gentleman can be planted in hills two and a half feet apart, as these varieties are more dwarfish than the other kinds. Plant for a succession from February to July.

Every planter realizes what GOOD SEED CORN means, and we have spent both time and money in securing the BEST and HIGHEST GRADES that can be produced, and our customers can rest assured of getting a QUALITY for next season that can not be BEAT.

Our corn is and for years has been grown for us by skilled specialists, and our friends will find it always of high grade and strong germinating power.

Corn is one of the most important crops, not only in the United States, but of the entire world. A good crop in the United States represents a farm value twice as great as the cotton crop.

## SWEET, SUGAR OR GARDEN CORN.

**Extra Early Adams**—A splendid garden Corn, with small grains and ears, but maturing early and bringing the highest prices in the market.

Pt., 30c; pk., 75c; bu., \$2.50

**Early Adams**—Following the Extra Early in season, but with larger grains and ears, but about seven days later.

Pt., 30c; pk., 75c; bu., \$2.50

**Country Gentleman**—A sugar Corn which has given perfect satisfaction, frequently producing three to five ears to the stalk; grains deep and narrow and zigzagged on the cob; ears small, but very rich in sugar.

Qt., 30c; pk., \$1.50; bu., \$4.00.

**Stowell's Evergreen**—The old standard variety, too well known to more than mention.

Qt., 30c; pk., \$1.50; bu. \$4.00.

## CORN—FIELD.

**St. Charles White**—The famous ensilage for the South—the Miller's favorite. An old well-known variety. Its peculiarity is adapted to bottom land, but does well on good prairie or upland. A valuable sort for ensilage, owing to its heavy growth. Grains are pearly white, deep and set on red cob with 18 to 20 rows. Weight of ear 15 to 18 ounces. No more popular or better corn grown. Best corn for the South.

By mail, postpaid, 1 lb., 25c; 3 lbs. 60c. By freight or express, qt., 10c; pk., 65c; ½ bu. \$1.10; 1 bu., \$2.00; 2 bu., \$3.75; 5 bu., \$9.00; 10 bu., \$17.50. Sacked free.

**Improved Golden Dent**—A standard variety and one of the very best yellow grained Corns for the South. It is a vigorous grower, heavy yielder, and a very popular stock Corn. It has given good satisfaction wherever planted and we highly recommend it to anyone who has not already given it a trial.

Qt., 30c; pk., 60c; bu., \$2.00

**Champion White Pearl**—This stalk is short and thick. The ear grows low on the stalk, from seven to twelve inches in length, almost parallel throughout, of medium size, averaging sixteen rows of grain.

Qt. 30c; pk., 75c; bu., \$2.50

**Early Mastodon**—The largest yellow corn grown. It has been known to yield over 200 bushels to the acre. The ears are even in size, cob small, with deep yellow grains. A vigorous grower and sure to give satisfaction.

Qt., 30c; pk., 60c; bu., \$2.00

**Hickory King**—This corn is entirely distinct from all other varieties, having the largest grain with the smallest cob ever introduced in a white corn.

Qt. 30c; pk., 75c; bu., \$2.50

**Improved Leaming**—A quick-growing yellow variety, highly esteemed by those who have grown it. It usually produces two ears to the stalk. It is one of the seven varieties recognized by the Illinois Experiment Station, where it has been first in yield more times than any other variety. The Improved Leaming has been selected for a richer color—a beautiful brownish yellow—a deeper and somewhat rougher kernel. The ears average about ten inches long and weigh ¾ to 1 lb. each. The stalks are of medium height with many broad leaves, making it one of the best sorts for ensilage and fodder. Numerous tests at the Experiment Station show it high in protein and oil content, making it valuable to the live stock grower and feeder.

Qt., 30c; pk., 60c; bu., \$2.00

**Mosby's Prolific**—Medium size ears, very prolific, good all round corn.

Qt. 30c; pk., 75c; bu., \$2.50

**Mammoth Cuban White**—Large ears, 16 to 24 rows on cob, fine yielder, matures in 115 days.

Qt. 30c; pk., 75c; bu., \$2.50

**Blount's Prolific**—Large yielding, white, flinty, good meal, quick growth for late planting.

Qt. 30c; pk., 75c; bu., \$2.50

**Snowflake**—Fine quality, very productive, good for field or garden.

Qt. 30c; pk., 75c; bu., \$2.50

**Yellow Creole**—One of the best field varieties for the South.

Qt. 30c; pk., 75c; bu., \$2.50

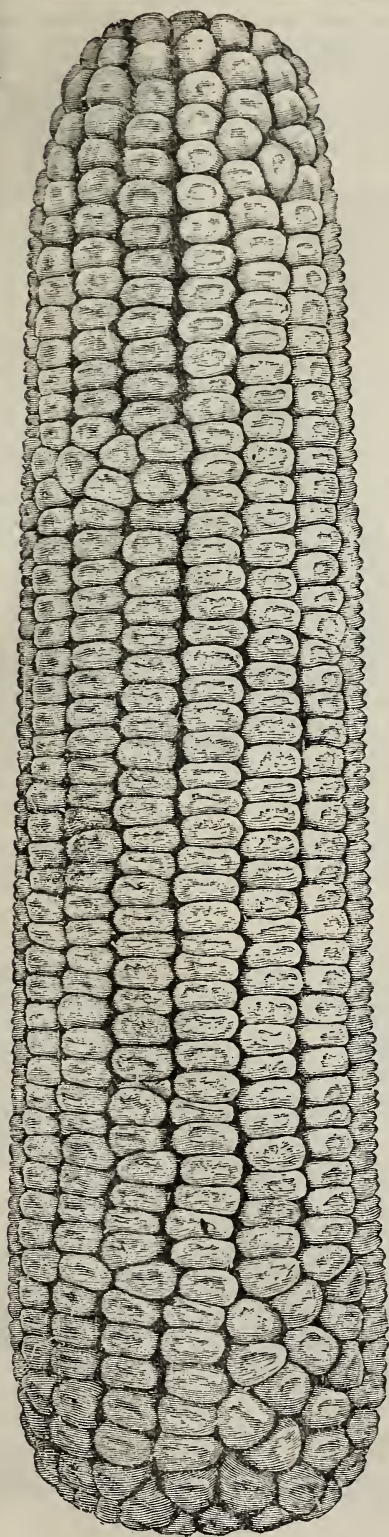
**Golden Beauty**—Large grain, small cob, very productive, a field corn.

Qt., 30c; pk., 60c; bu., \$2.00

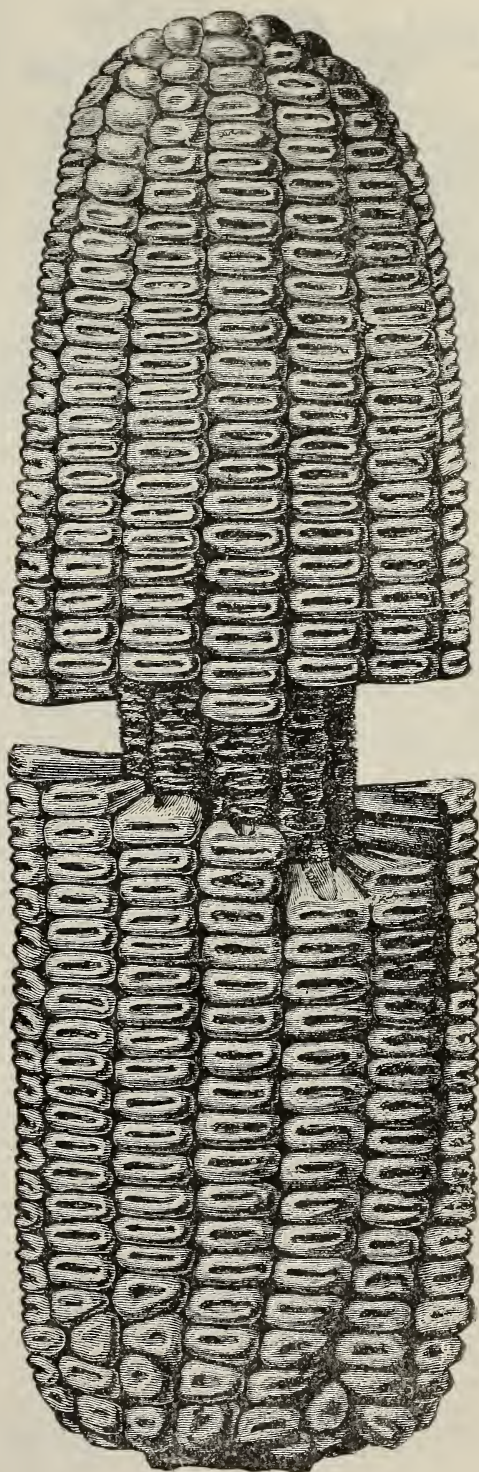
**French Market**—It has become the leading second early corn here.

Qt. 30c; pk., 75c; bu., \$2.50.





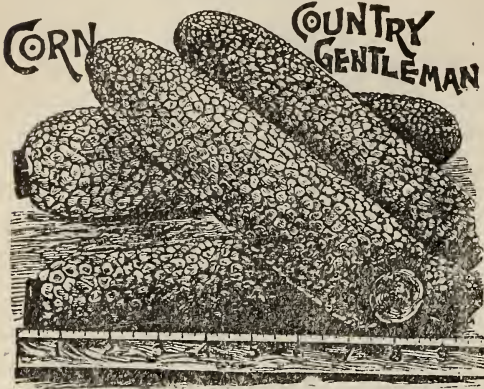
Snowflake.—(See Page 30.)



GOLDEN BEAUTY.  
(See Page 28.)



## CORN—Continued.



**Mexican June Corn**—June Corn is a dry weather crop. Its roots reach deep in the soil and draw nourishment from a depth never attained by our more northern corn. The only possible failure of a crop is during a very wet season. This Corn is grown by the most experienced and trustworthy grower, and you can absolutely depend on its genuineness.

Qt. 30c; pk., \$1.00; bu., \$3.00

**White Snowflake Corn**—This is considered one of the best white field varieties ever introduced in the South. The stalks grow from seven to eight feet and produce two good-size ears each, the cob of which is very small and the grains deep. It is a splendid Corn for shelling and of fine quality for roasting ears.

Qt. 30c; pk., 75c; bu., \$2.50

**White Wonder**—This Corn originated in Oklahoma and has been demonstrated to be the best to withstand adverse weather condi-

tions and has become a general favorite with planters of South Texas. In favorable seasons this corn will yield from 80 to 100 bushels per acre, while other varieties make from 35 to 50 bushels. It is the only early variety that matures large ears, ripening at the same time as the earliest sorts.

Qt. 30c; pk., 75c; bu., \$2.50

**Iowa Silver Mine**—it is a pure white Corn, with large ears, often measuring 10 to 11 inches in length and weighing as high as 1½ pounds each. Kernels are of unusual length, usually rough at the outer ends, and ears are splendidly filled out at tips. The Corn matures in about 100 days.

Qt., 30c; pk., 75c; bu., \$2.50

**Iowa Gold Mine Corn**—A popular Yellow Dent Corn originated in Iowa. This Corn, since its introduction a few years since, has attained wide popularity. The ears are of good size and shape, and of a bright golden yellow color; has very long grains and small red cob; matures in about 95 days and has given fine satisfaction throughout the Corn belt. Our seed was grown from direct headquarters' stock.

Qt., 30c; pk., 60c; bu., \$2.00

## POP CORN.

It pays to raise Pop Corn as a general crop. Demand usually exceeds the supply. It is as easily grown as field Corn and pays 3 or 4 times the amount per acre. For main crop the Monarch White Rice and Golden Seal will bring the best prices; they are better known. Let the children try a small patch anyway for home use. Ask for prices in quantity.

**Monarch White Rice**—It is the best white variety. Bears from 3 to 4 ears per stalk.

Qt. 30c; pk., \$1.00; bu., \$3.00

## MUSHROOM SPAWN

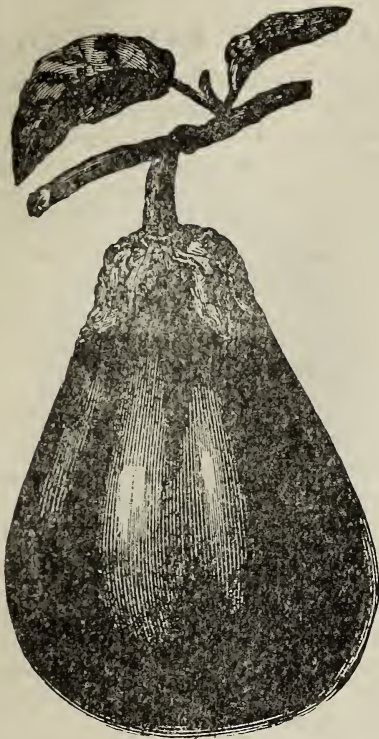
**Culture**—Mushrooms require a moist, warm atmosphere and equable temperature, and soil artificially enriched. The common edible species grows wild in all parts of Louisiana, in a variety of locations, exposures, and general conditions. Cellars, sheds, caves, quarries and tunnels are some of the favored localities for mushroom gardening. The temperature should not range below 50 degrees F., or above 80 degrees.

Horse manure is the principal ingredient of all mushroom soils, and unless it has passed through the first heating stage, it should be piled up, thoroughly wet, and at the end of four or five days, turned over once a day for four or five days until some of the heat is spent. It will then be ready for sowing the spawn. If desired, one-fourth good garden loam may be thoroughly mixed with the manure, but if this is done, the manure will not need cooling off by repeated turnings. It should be trodden

down solid in beds about eighteen inches high, four or more feet wide, and of any length desired. When the temperature is down to 75 degrees F., the bed is ready for planting.

The spawn may be broken up into lumps, none of them less than an inch square and these planted about one foot apart each way, just barely beneath the surface of the manure. If temperature is favorable, in less than ten days the beds should be permeated by the spawn. Good growers look it over and replace pieces of spawn that have not germinated with fresh spawn. Particular growers withdraw all pieces of spawn at three weeks from planting, as it often molds and spoils the nearby mushrooms. In California it is a common practice at this stage to cover beds with one or two inches of finely-sifted garden loam. If beds dry out, very light sprinklings only may be given. Mushrooms appear in four to six weeks, according to temperature.

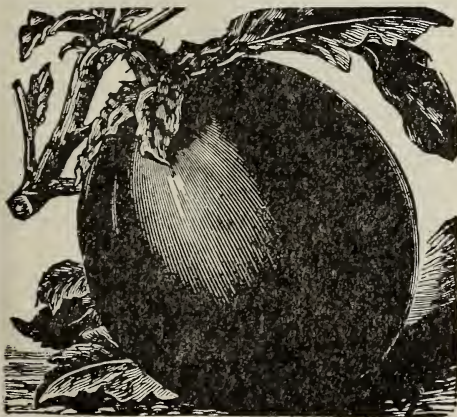
Mushroom spawn bricks, 50c postpaid.



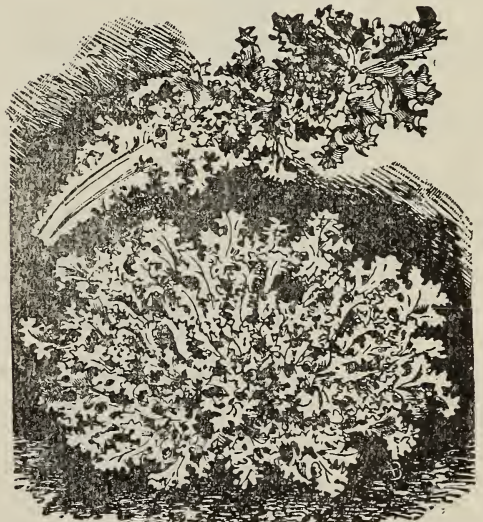
New Orleans Market Eggplant.  
(See Page 32.)



Broad-Leaved Escarolle.  
(See Page 32.)



New York Market Eggplant.  
(See Page 32.)



Green Curled Endive.  
(See Page 32.)

NEVER PLANT A CROP OF ANY KIND OF SEED WITHOUT FIRST TESTING THEM  
FOR GERMINATION.



## ENDIVE.

One ounce will plant 100 feet of drill; four pounds will plant an acre.

**Culture**—Seed may be sown at any time except February and March—sow in drills three feet apart and thin to ten inches in the row; ten days before wanted for the market, bring the outer leaves to the center and tie together, which bleaches the inner leaves.

**Green Curled**—Leaves finely laciniated, giving the plant a mosy appearance.

Per oz., 20c.; per lb., \$1.50, postpaid.

**Batavian Round**—Larger leaved than the above, but equally as good.

Per oz., 20c.; per lb., \$1.50, postpaid.

**Italian Red Ribbed Endive**—The most popular variety; producing beautifully curled, dark green leaves; crisp, tender and blanches cream white.

Oz., 20c.;  $\frac{1}{4}$  lb., 60c.; 1 lb., \$1.60.

## EGG PLANTS.

**Culture**—Sow seed on hot bed, cold frame or box, in warm place. Seeds are slow to germinate and soil must be light and sandy, mixed with leaf mold, if obtainable, and drainage must be good. Transplant deeply, in rich soil, not too early, so as to be checked by late frosts. A hot weather plant, and if first sowing fails, make another at once. One ounce of seed will produce 2,000 plants.

**Black Beauty**—A handsome, extra early, large variety.

Oz., 50c.;  $\frac{1}{4}$  lb., \$1.75; 1 lb., \$6.00

**Improved New York Spineless**—The standard, largest and best.

Oz., 40c.;  $\frac{1}{4}$  lb., \$1.25; 1 lb., \$4.10

**N. O. Market.** Favorite with market gardeners here.

Oz., 40c.;  $\frac{1}{4}$  lb., \$1.25; 1 lb., \$4.10

**Florida High Bush**—A new variety of strong, upright growth, fruit large, of excellent quality and usually borne a foot or more above ground.

Oz., 40c.;  $\frac{1}{4}$  lb., \$1.25; 1 lb., \$4.10

## Giant Italian Fennel.

Sow during fall and spring in rows. In flavor it resembles celery. Has been largely grown of late for shipping to Northern markets.

Oz., 10c.;  $\frac{1}{4}$  lb., 30c.; 1 lb. \$1.10.

## GARLIC.

This is a vegetable which is used to a great extent in the South, especially in Louisiana. It is used chiefly by the foreign population to flavor stews, and so forth.

25c per pound, postpaid, or 20c per lb. by express or freight, not prepaid.

Write for prices on larger quantities.

## KALE, OR BORECOLE.

**Culture**—Sow and treat same as cabbage, but June sowing brings best results for the tall sorts. Transplant to rows two and one-half to three feet apart, with plants eighteen inches apart in rows. One ounce of seed will produce about 2,000 plants.

**Dwarf Curled, or German Greens**—Very hardy, excellent for spring use.

Oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 90c

## KOHL-RABI.

One ounce of seed will sow about 200 feet of drill, or produce 1,500 plants in seed bed.

**Culture**—Plant and treat like cabbage, and remember that rapid, continuous growth produces the tender plant. The flavor is similar to turnips, yet far superior in palatableness. No Southern home should be without this vegetable. Seed may be sown at any time you would plant cabbage.

**White Vienna**—Flesh white and tender, and tops very short; a rapid grower and a favorite trucker's sort.

Oz., 15c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.60

## LEEK.

Belongs to the onion family. Sow early in the fall or spring in drills twelve to fifteen inches apart, covering with one-half inch of fine soil, firmly pressed down. Thin so as to leave two plants to a foot of row, and draw the earth about them when cultivating. If one desires very white and tender leeks, transplant when about six inches high, setting four inches apart in trenches about two feet apart and gradually earth up like celery.

**London Flag**—This variety is hardy, of good quality, and is extensively cultivated in this country.

Pkt. 5c; oz., 10c;  $\frac{1}{4}$  lb., 40c; 1 lb. \$1.50.

**Large Rouen**—Stems very large, but comparatively short; the leaf is very broad covered with whitish bloom. Stands a long time in condition for use.

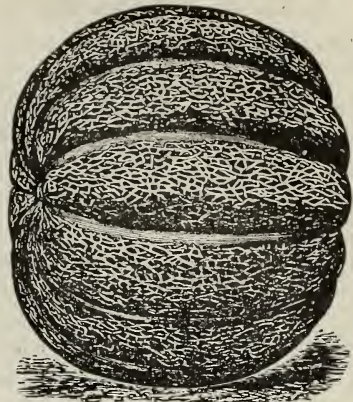
Oz., 15c.;  $\frac{1}{4}$  lb., 60c.; 1 lb., \$2.00.

**Monstrous Carentan**—The largest variety; often three inches in diameter and becoming very white and tender. An exceptionally hard and desirable sort.

Oz., 15c.;  $\frac{1}{4}$  lb., 60c.; 1 lb., \$2.00.



Rocky Ford Melon.  
See Page 34.



New Orleans Market Melon.  
See Page 34.



White Vienna Kohl-Rabi.  
See page 32.



Monstrous Carentan Leek.  
(See Page 32.)



Giant Curled Mustard.  
See Page 36.



# LETTUCE

**Culture**—May be sown every month in the year. To obtain the best results, the plants should be grown rapidly, therefore the soil should be made as rich and friable as possible by frequent cultivation and a liberal application of stable manure. Sow either in beds and then transplant when two inches high, or sow in drills and thin to one foot apart for heading varieties, and let the rows be eighteen inches apart. Hoe often to prevent going to seed. One ounce of seed will produce about 3,000 plants. Three pounds to an acre.

## CABBAGE OR HEADING VARIETIES.

**Black Seeded Butter**—Medium size, of splendid quality; head firm and globular, sweet and buttery.

Oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.10

**Big Boston**—A most desirable large variety. For outdoor planting it is unsurpassed, as it does very well under great variations of temperature; leaves broad, smooth, thin, of a light green color; heads solid.

Oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.10

**Early Market**—A small globular head of good quality; sweet and buttery in flavor; very early.

Oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.10

**California Cream Butter**—A fine summer variety; grows slowly and keeps well.

Oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.10

**Large Passion**—A selected strain, large, solid heads.

Oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.10

**Improved Royal Cabbage**—A large, white cabbage variety.

Oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.10

**May King**—Extra large, round solid heads, light green outside, with clear yellow heart; splendid forcer.

Oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00

**Trocadero (French Strain)**—One of the best varieties for shipping.

Oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25

**Paris White Cos**—An excellent variety; large, crisp, tender and of fine flavor; resists warm weather and is the best Cos lettuce yet introduced. Known also as Romaine Cos.

Oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25

**Perfected Salamander**—One of the leading head varieties in cultivation, especially adapted for summer purposes; solid heads of light green color, with delicious buttery flavor.

Oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00

**White Summer Cabbage**—Compact, globular head; medium size; of decided butter flavor and sweet.

Oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00

**Wonderful**—A splendid variety for market or home use, and the best sort adapted for fall sowing. A strong grower, making fine heads.

Oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25

# MUSKMELONS

**Culture**—Sow from March to July, according to climatic conditions, in hills six feet apart, each way; some prefer six to eight feet. If sown early, twenty seeds should be planted to a hill; later planting requires less. Cover about one inch deep. Thin out to three or four of the strongest plants in each hill. Before plants are up, scatter ashes, old plaster or tobacco dust on top of hill to keep away insects from young plants. A light, warm soil is preferable, though they may be grown in any. One ounce of seed will plant about 100 hills.

**Hoodoo**—A new and excellent variety; an ideal shipper of medium size; rind thin; flesh very thick, firm and highly flavored; of fine texture and delicious flavor.

Oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.10

**Miller's Cream, or Osage**—The fruit is large and round, with light green netted skin and thick, sweet, salmon-colored flesh.

Oz., 15c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25

**Paul Rose**—Handsome; oval, new variety; rich orange; flesh very sweet; immensely prolific, twenty to thirty perfect melons to a vine being common. The skin is heavily netted, flesh light green and of excellent quality.

Oz., 15c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25

**Extra-Early Hackensack**—Very popular sort, producing large, handsome, extra early melons of best quality. It is some two weeks earlier and almost as large as the famous Jersey Hackensack; fruit nearly round, deeply ribbed and very coarsely netted. The flesh is green and most delicious.

Oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.10

**Banana**—Grows one and a half to two feet in length and three or four inches in diameter; flesh salmon, and exquisitely flavored, resembling banana. Brings a high price in Eastern markets.

Oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25

**Burrell's Gem**—A splendid new variety. Superior to Rocky Ford. Flesh thick, salmon in color and fine flavor; rind heavily netted; grows to twenty pounds each.

Oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 90c.

**New Orleans Market**—A large, ribbed, rough-netted Melon in universal demand during the entire season.

Oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.10

**Long Island Beauty**—Fruits of large size, well flattened, heavily ribbed and netted; of handsome appearance and fine quality. This variety ripens as early and is superior to the Hackensack.

Oz., 15c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25

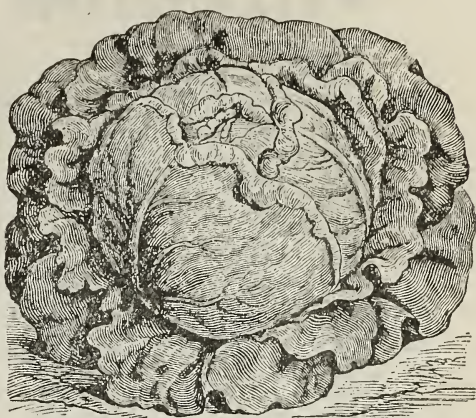
**Rocky Ford**—Regular and even in size, weighing about one and one-half pounds, slightly oval in shape, finely netted; flesh is light green in color and of delicious flavor. The seed we offer was saved by one of the best melon growers in the country and is strictly first-class.

Oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 80c





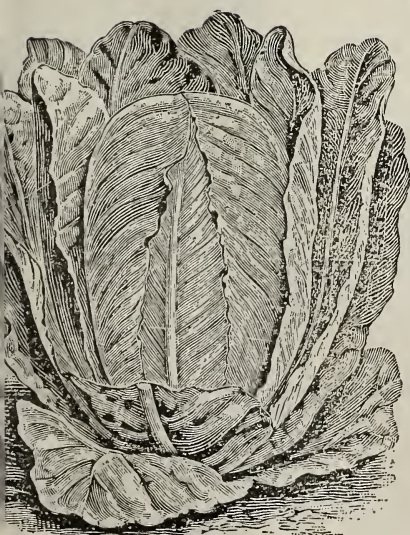
Trocadero Lettuce.



Big Boston Lettuce.



May King Lettuce.



Perfection Paris Cos. Lettuce.



Large Passion Lettuce.



## WATERMELONS

**Culture**—Sow when weather is warm enough, any time from March to July, in hills six to eight feet apart, and thin out to two or three best plants. Plant a dozen seeds to a hill, from one to two inches deep and sow ashes, etc., as for muskmelons. All melons like a deep, loose soil. Hoe often and gradually hill up until the vines touch; after the flowers appear pinch off the extreme ends of the most luxuriant shoots.

**Alabama Sweet**—A very popular variety in the South, especially in Texas, where they grow it in preference to any other. In shape it is long, color dark green, flesh red and absolutely stringless.

**Florida Favorite**—An old popular, long-stripe melon of good quality.

**Ice Cream (White Seeded)**—This variety is annually increasing in popularity; it grows to a medium size; nearly oval, of a pale green color, and has a thinner rind than any other variety; flesh is bright crimson, crisp and of delicious flavor.

**Georgia Rattlesnake, or Gypsy**—Standard Southern variety, which possesses remarkable shipping qualities; oblong, scarlet flesh, crisp and juicy.

**Halbert Honey**—Oblong, dark green skin, thin rind, crimson flesh, luscious flavor.

**Kleckley's Sweet**—This new melon is one of the best for the home market or family use. The melons are large, eighteen to twenty inches long and ten to twelve inches in diameter, dark green; rind thin, flesh scarlet and very sweet.

**Tom Watson**—An exceedingly popular melon in the South. Fruit large, running at times as high as sixty pounds. Rind thin but tough, consequently a good shipper. A dark green in color with flesh a brilliant scarlet. Very large with small seed area. An early variety of delicious flavor.

**Triumph**—A cross between Kolb's Gem and Duke Jones, but better than either; a good shipping melon of fine flavor.

**Lone Star**—It has proven to be the best melon for this section, either for market or family use. This melon is above medium and very uniform in size; a prolific bearer, oblong in shape; the rind is of mottled green and black color, somewhat like the Rattlesnake, but of a darker green. The flesh is of a deep red color, solid, crisp and very sweet in flavor. It cannot be excelled by any variety. It is one of the leading varieties for the South.

Oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 90c

## MUSTARD.

**Culture**—Sow any time in the year, though autumn sowing brings best greens for they revel in cool weather. Not particular as to soil, though a medium heavy one is best.

**Large-Leaved Curled**—The favorite kind here, sown largely for the market. Leaves are pale green, large and curled or scalloped on the edges.

Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c

**White or Yellow London**—This is the common White Mustard of commerce, used both as a salad and for flavoring purposes.

Oz., 10c;  $\frac{1}{4}$  lb., 15c; 1 lb., 50c

**Giant Ostrich Plume**—This is a splendid variety for the market gardeners and amateurs, and will surely give satisfaction wherever planted. The leaves are beautifully curled, much more than our regular curled variety, but the same quality.

Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c

**Chinese Very Large Cabbage-Leaved**—A European variety, with light green, very large leaves. It has not the same taste as the large-leaved or the large curled, but will stand longer before going to seed.

Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c

## OKRA

**Culture**—Sow in the spring after soil is warm, in rows two to three feet apart, putting seed down two inches. When well up, thin to eight or ten inches apart. Hoe soil up against stem of plant.

This vegetable produces long, nutritious pods, which when young, are used in soups and stews, to which they impart a rich flavor. One ounce of seed will sow fifty feet of row.

**Long Green**—Later and more productive; ribbed pods.

Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c

**Perkins' Mammoth**—Plant dwarf; very productive. Produces beautiful, long, slender green pods, which remain tender a long time. An extra choice variety.

Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c

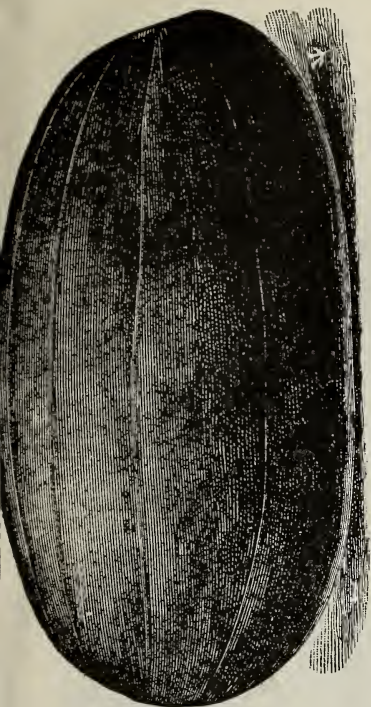
**White Velvet**—Pods round, smooth, free from seams; exceedingly tender, well flavored and very prolific.

Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c

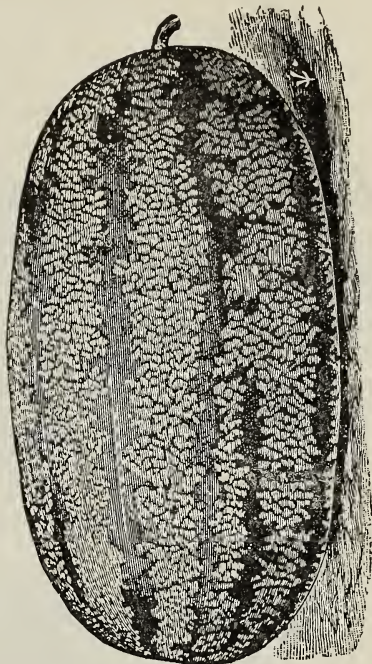
**French Market Dwarf Prolific**—One of the earliest and most productive of all Okras. It is a cross between the Tall Growing and the Winter Velvet varieties; commencing to bear when six inches high, producing a pod at the stem of each leaf, and continues bearing until the plant reaches its maximum height, seven feet. Pods are light green, nearly round and smooth. The cut is an exact reproduction of a single plant. It will supersede all other varieties for market and shipping.

Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.





Watson Watermelon.  
See Page 36.

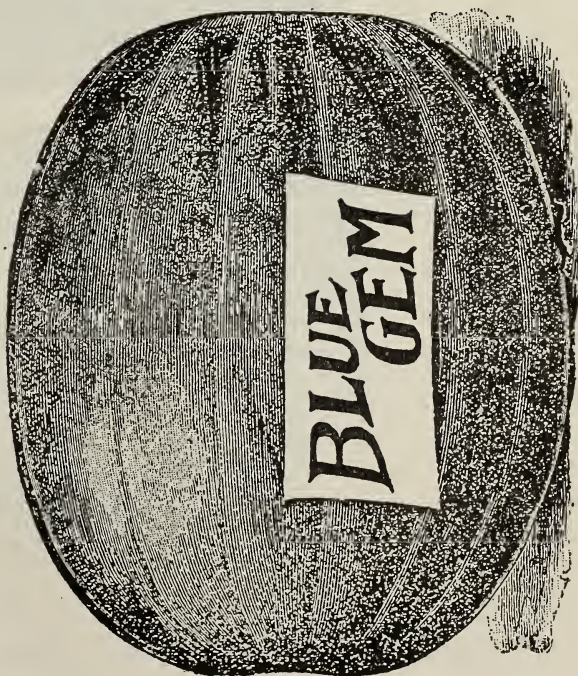


Rattlesnake Melon.  
See Page 36.

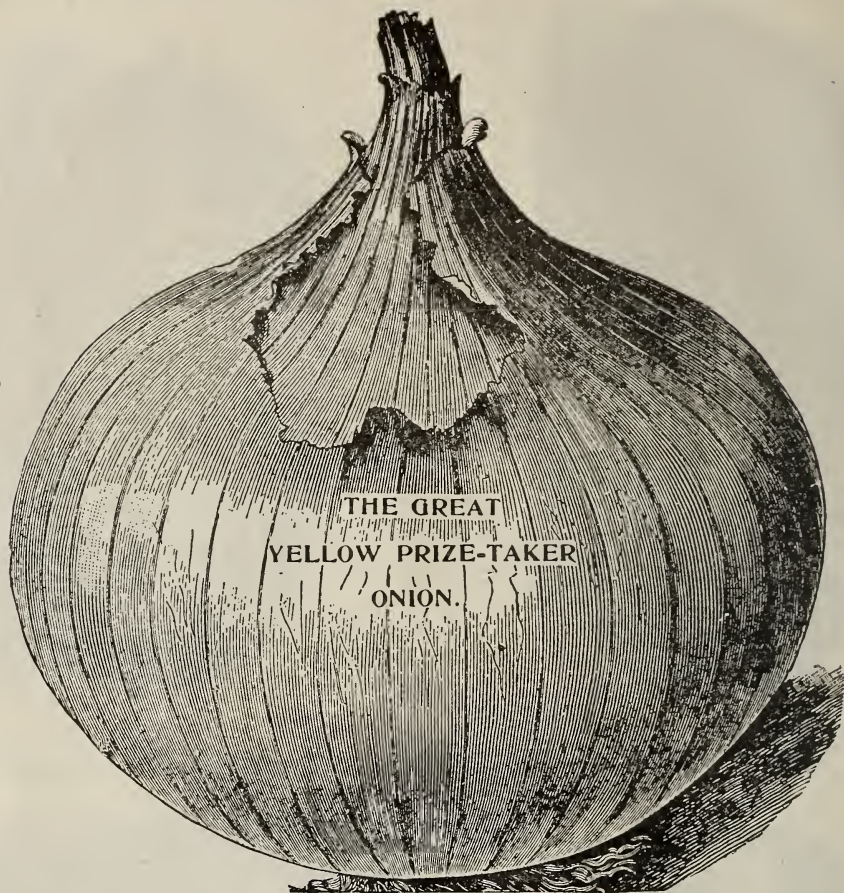
MARKET GARDENERS SHOULD WRITE FOR SPECIAL CASH PRICES.



See Page 36.







## ONION SETS

During their season we carry a full line of Red, Yellow and White Commercial Onion Sets, on which we will be glad to make figures in quantities of 1 peck to a car load.

Onion Sets, when planted in January and February, here in the South, will most always produce fine large bulbs. They should be set out in rows five or six inches apart and about eight or ten inches in the rows.

Postpaid.

|                      | Pt. | Qt. | Pk. |
|----------------------|-----|-----|-----|
| Red Western .....    | 15  | 25  | 50  |
| Yellow Western ..... | 15  | 25  | 50  |
| White Western .....  | 15  | 25  | 60  |
| White Bermuda .....  | 15  | 30  |     |

If Onion Sets, in pints or quarts, are ordered by express or freight, DEDUCT 5c pt. and 10c qt.

## SHALLOTS

**Culture:** A small-sized Onion which grows in clumps. It is generally grown in the South, and used in its green state for soups, stews, etc. There are two varieties, the red and white; the latter variety is the most popular. In the fall of the year the bulbs are divided and set out in rows a foot apart, and four to six inches in the rows. They grow and multiply very fast, and can be divided during winter and set out again. Late in the spring, when the tops become dry, they have to be taken up, thoroughly dried and stored in a dry, airy place.

Prices, pt., 20c; qt., 30c; postpaid. By express or freight, not prepaid.

Pk., 75c; bushel, \$2.50.

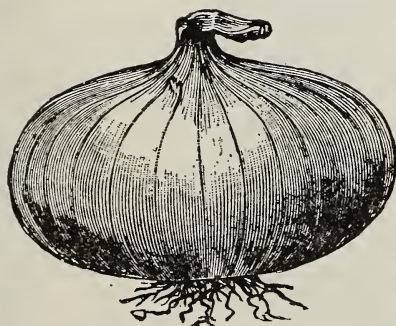
Never plant a crop of any kind of seed without first testing them for germination.



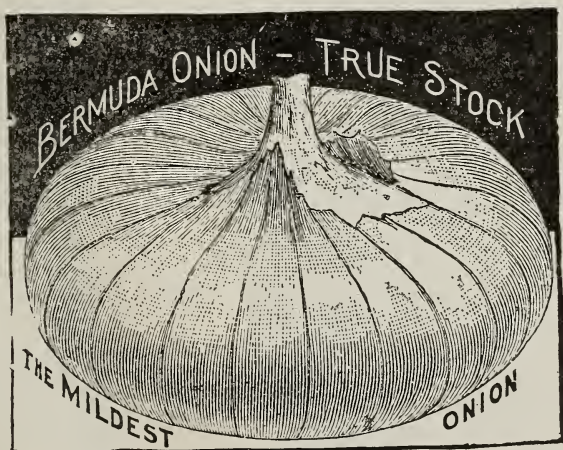
See Page 36.



See Page 36.



Australian Brown Onion.



TERMS—All sales subject to loss or damage by fire, shortage or failure of our crops, and contingencies beyond our control. We give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any Seeds, Plants or Bulbs; we send out and we will not be, in any way, responsible for the Crops grown therefrom.



# ONIONS

1 Oz. Seed to 100 Feet Drill; 5 lbs. to an Acre.

**Culture:** In this latitude the seed should be sown from the 15th of September to about the 15th of November. If sown sooner, a good many will throw up seed stalks, which impair the keeping quality of the Onion. We sow the seed broadcast; protect the seed beds by spreading green moss over them, which is removed every evening and replaced in the morning. Some gardeners use *Latania* leaves for covering the beds. When the seed is coming up, in seven or nine days, the cover has to be removed entirely, but if the weather is dry, the watering has to be continued. They thrive best in loamy soil.

When the plants have reached the size of a goose quill they are transplanted into rows, which can be from one to two feet apart, according to the mode of cultivation, and about five to six inches apart in rows. The ground should be thoroughly prepared before setting out plants. We generally shorten the tops and roots. In April the Onion will be ready to take up.

In sections where it is too cold to sow Onion seed in the fall, the Creole can be sown in January and February.

**Bermuda Red**—An early variety resembling the White Bermuda, except in color, which is a pale red, flesh crisp and mild in flavor. A fine market onion. (Teneriffe grown seed.)

Oz., 20c; ¼ lb., 60c; 1 lb., \$2.10

**Bermuda White**—Teneriffe-grown. Broad and flat, a pale straw color; fresh, crisp, solid and mild in flavor.

Oz., 25c; ¼ lb., 75c; 1 lb., \$2.50

**Crystal White Wax**—A very early onion of the Bermuda type; pure white in color and of mild flavor, especially adapted for fall planting for the early markets.

Oz., 25c; ¼ lb., 90c; 1 lb., \$3.50

**Louisiana or Red Creole**—Best for the South; good keeper.

Oz., 25c; ¼ lb., 90c; 1 lb., \$3.40

**Large Red Wethersfield**—Grows very large, keeps well and is of fine flavor.

Oz., 20c; ¼ lb., 60c; 1 lb., \$2.00

**Mammoth Silver King**—A very large growing white onion, uniform inn shape.

Oz., 20c; ¼ lb., 60c; 1 lb., \$2.00

**Yellow Globe Danvers**—A well known early onion of fine quality. Flesh white and firm. Color a bright orange; grows to a good size, hardy, a sure cropper and excellent keeper.

Oz., 20c; ¼ lb., 50c; 1 lb., \$2.00

**Australian Brown**—First among the requirements of the market gardener in selection of an onion is its shipping qualities. The producer for home use finds this feature of equal value, for it insures him a prime supply of the vegetable at all times. The flesh is pure white, close layered, juicy and tender, growing to a good size. This hardy variety does especially well in the South, and when planted in rich, sandy soil and given an abundance of water, will produce more to the acre than any onion that has come under our observation.

Oz., 20c; ¼ lb., 60c; 1 lb., \$2.10

**Prize-Taker**—The largest of the yellow onions, globular in shape, of a pale straw color. Produces enormous crops; bulbs frequently weigh as much as three pounds each.

Oz., 20c; ¼ lb., 60c; 1 lb., \$2.00

## PARSLEY

**Culture**—Best sown during cool weather—August to May. Succeeds best in rich, moist soil. Sown thickly in drills one foot apart and one-half inch deep. When the plants are two inches high, thin them out to four inches apart. One ounce of seed will sow about fifty feet of row, or give 500 plants.

**Champion Moss-Curled**—Vigorous compact-growing variety; excellent for garnishing and flavoring; also a handsome decorative plant; leaves fine and crisp, resembling moss; a most popular sort for the market and home garden.

Oz., 10c; ¼ lb., 25c; 1 lb., 90c

**Plain Leaved**—This is the kind raised for New Orleans market.

Oz., 10c; ¼ lb., 30c; 1 lb., 90c

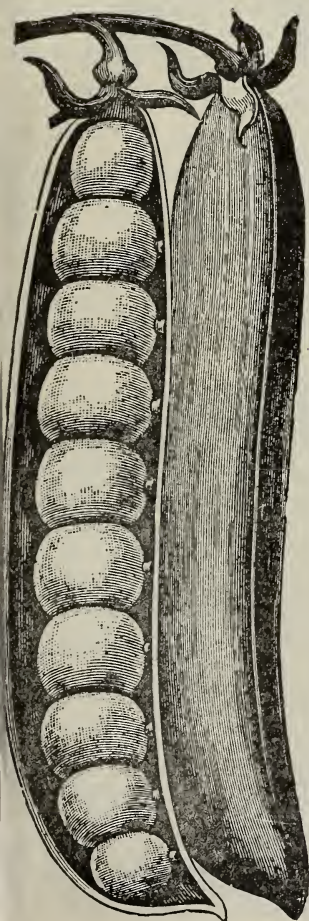
**Double Curled**—The leaves of this variety are curled. It has the same flavor as the other kind. Has been largely grown of late for shipping.

Oz., 10c; ¼ lb., 25c; 1 lb. 70c

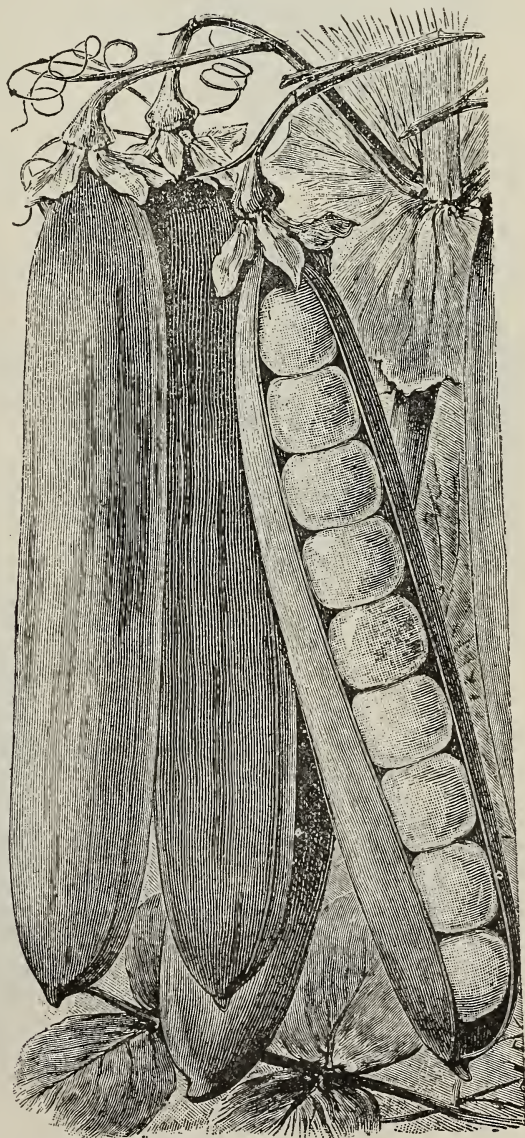
IN COMPARING PRICES WITH OTHER SEED HOUSES, REMEMBER BOLLWINKLE PAYS THE POSTAGE OR EXPRESS ON GARDEN SEED BY THE PINT, QUART AND POUND.



Curled Parsley.  
See Page 40.



White Marrowfat Peas.  
See Page 42.



Gradus Peas.  
See Page 42.



## PEAS

1 Qt. to 100 Feet of Drill; 1½ Bushels to an Acre.

**Culture:** Peas are a fine vegetable, and therefore are very generally cultivated. It is best to plant in ground matured the previous year, else they will make more vines than peas. As a general thing, the Dwarf kinds require richer ground than the tall-growing varieties. Marrowfat Peas, planted in rich ground, will not bear well, but they produce in sandy, light soil.

Peas have to be planted in drills two inches deep and from two to three feet apart, according to the height they may grow.

### FIRST EARLY VARIETIES.

**American Wonder**—Extra early, dwarf, compact growth, wrinkled. Our stock is excellent.

Qt., 40c; pk., \$2.50

**Gradus**—Early as American Wonder, pods as large as Telephone; a superior variety.

Qt., 45c; pk., \$3.00

**Nott's Excelsior**—A popular early, tender pea, combining the good qualities of the American Wonder and Premium Gem Peas; of fine quality and sweetness; most desirable for market garden and home garden.

Qt., 40c; pk., \$2.50

**Alaska**—One of the very earliest and best.

Qt., 50c; pk., \$2.00

**Early Washington**—Favorite with market gardeners here.

Qt., 50c; pk., \$2.00

**First and Best**—Our standard market garden, extra early peas.

Qt., 50c; pk., \$2.00

### SECOND EARLY VARIETIES.

**Abundance**—Good bearer; peas large and of excellent quality.

Qt., 40c; pk., \$2.50

**Champion of England**—A popular variety; very hardy, prolific and rich in quality.

Qt., 40c; pk., \$2.00

**Prizewinner**—The heaviest cropper of any of the Early wrinkled sorts.

Pt., 25c; qt., 40c; pk., \$2.00.

**Blackeye Marrowfat**—Good, tall-growing winter variety, very productive.

Pt., 25c; qt., 40c; pk., \$2.00.

**Large White Marrowfat**—Similar to the above, pole.

Pt., 25c; qt., 40c; pk., \$2.00.

## PEPPER.

**Culture**—Sow in hot beds in November and December, or in cold frames or boxes in early spring. Transplant when the weather is favorable, about April, to open ground in rows eighteen inches apart and ten inches apart in the row. The ground should be highly manured before transplanting. When about six inches high, hoe the plants, and earth up slightly, keeping well watered at all times.

**Bell, or Bull Nose**—Early, sweet and of good flavor.

Oz., 25c; ¼ lb., 90c; 1 lb., \$3.50

**Chinese Giant**—Most desirable, new; large variety; thick flesh, mild and sweet.

Oz., 40c; ¼ lb., \$1.50; 1 lb., \$5.00

**Ruby King**—A large growing sweet pepper of the Neapolitan type; strong grower and prolific.

Oz., 25c; ¼ lb., 90c; 1 lb., \$3.50

**Large Sweet Spanish**—Large and excellent for mangoes.

Oz., 25c; ¼ lb., 75c; 1 lb., \$2.50

**Cayenne**—Pods small, long and tapering; coral red when ripe, very hot and strong, best kind for seasoning pickles; the Cayenne Pepper of commerce.

Oz., 25c; ¼ lb., 60c; 1 lb., \$2.25

**Chili, Small**—Pods pendant, shapely, conical, about one and one-half inches in length; very piquant; excellent for pickles.

Oz., 25c; ¼ lb., 75c; 1 lb., \$2.50

**Tabasco**—Medium size, bright pods; very hot, best for pepper sauce.

Oz., 30c; ¼ lb., \$1.00; 1 lb., \$3.50

**Red Cluster**—Fruit grows in clusters. It is very prolific and of dwarf habit.

Oz., 30c; ¼ lb., 75c; 1 lb., \$2.50

## PARSNIP

1 Ounce Seed to 250 Feet of Drill.

**Culture:** Should be sown in deep, mellow soil, deeply spaded, as the roots are long, in drills twelve to eighteen inches apart. When the plants are three inches high thin out to three inches apart in the rows. Sow from September to November for winter, and January to March for spring and summer crops.

**The Hollow Crown, or Sugar**—Is the kind generally cultivated; it possesses all the good qualities for which other varieties are recommended.

Oz., 10c; ¼ lb., 30c; lb., \$1.10.

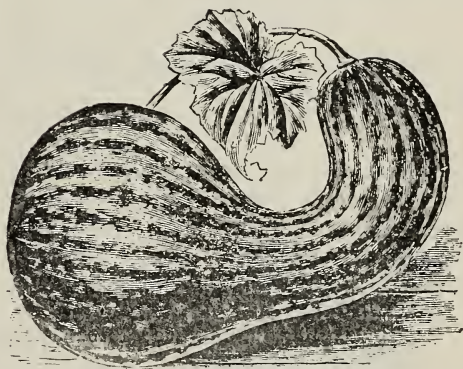
WRITE FOR SPECIAL PRICES ON BUSHEL LOTS OF CORN, PEAS AND BEANS.



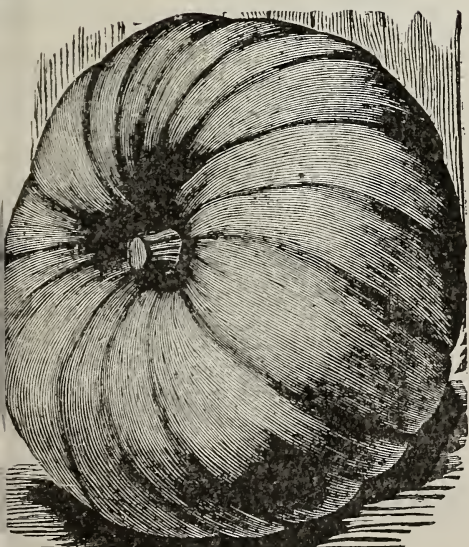
Cayenne Pepper.  
See Page 42.



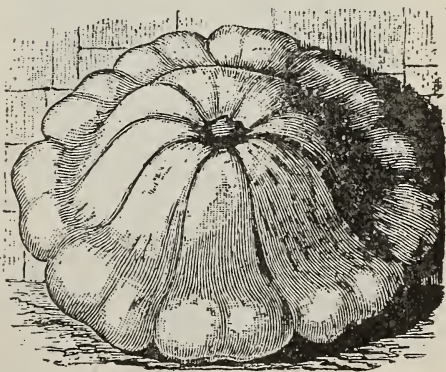
See Page 42.



Cashaw Crookneck Pumpkin.  
See Page 44.



Golden Yellow Mammoth Pumpkin.  
See Page 44.



Early Bush Squash.  
See Page 46.



## PUMPKIN.

**Culture**—Plant in May, June and July for best results; about five seeds to a hill, and keep three best plants; hills eight feet apart. Soil should be kept damp and free from weeds. When planted among corn take every fourth row. Keep as far from melons and cucumbers as possible, as they are apt to mix. One pound of seed will plant about 400 hills.

**Cheese**—Size large; reddish orange; flesh thick, fine and sweet; keeps well.

Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c

**Connecticut Field, or Jack O'Lantern**—A fine variety for dairy ranchers, adding much to the quality and quantity of the milk and butter; an excellent keeper and can be strongly recommended.

Oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 70c

**Cushaw, or Crook-Neck**—Solid flesh, fine and sweet; keeps well.

Oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c

**Japanese Pie**—The flesh is nearly solid; the seed cavity being very small, fine grained, dry and sweet, having much the taste and appearance of sweet potatoes. They ripen early, keep well and are fine for home use.

Oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00

**Large Sweet Field**—Popular among the local growers; size very large; hardy and productive.

Oz., 10c;  $\frac{1}{4}$  lb., 15c; 1 lb., 50c

**Large Yellow Mammoth Potiron**—Rich, dark yellow; the flesh of a little lighter shade; a remarkable keeper.

Oz., 15c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50

**Mammoth Tours, or Jumbo**—King of mammoths. Is very productive, often weighing 150 pounds, and a good keeper.

Oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00

**Sweet or Early Sugar**—This is the small, sweet pumpkin that has made the New England States famous for their pumpkin pies. It is very fine-grained, and a splendid keeper.

Oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c

## RADISHES.

**Culture**—Sow any month of the year; will succeed in any good garden soil not over-moist or too heavy. For early and late crops a warm, sheltered situation should be chosen; for those sown in summer, a rather shady spot must be selected. For a succession, sow every two weeks. The ground where the sowing is to be made should be dug deep and raked fine. The seed is generally sown thinly broadcast, in beds four to five feet wide, with one-foot alleys between. One ounce of seed will sow about 100 feet of drill, or a bed forty square feet.

**Early Long Scarlet Short Top**—Roots long; pinkish color; flesh white and crisp.

Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c

**Early Scarlet Globe**—Undoubtedly the best known radish in cultivation; very solid, bright red color and of unequaled quality; is highly recommended for market use.

Oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c

**French Breakfast**—A fine early variety; olive shaped; scarlet body with white tips.

Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c

**Long, Brightest Scarlet**—Color vivid scarlet tipped with snow white; very juicy, sweet and crisp, and a rapid grower.

Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c

**Long, Cincinnati Market**—An improved strain of the well known Long Scarlet Short Top.

Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c

**Long White Icicle**—In form half-long, pure white and very crisp. Very quick in growth and of delicious flavor.

Oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c

**Long, White Vienna**—Practically the same as Lady Finger.

Oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c

**Half-Long, Deep Scarlet**—Bright and crisp.

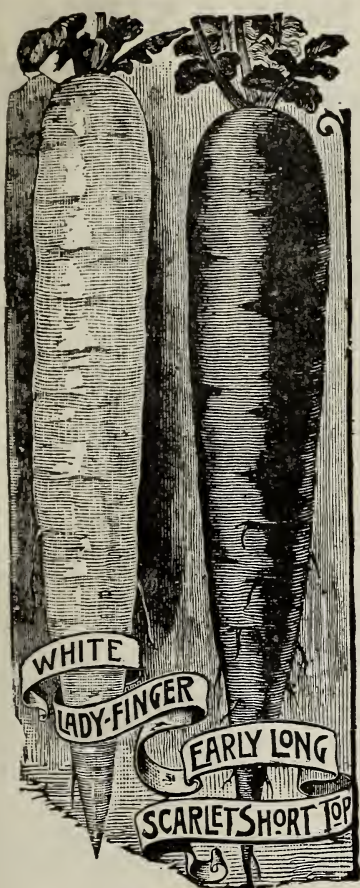
Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c

**White, Strasburg**—Roots long and tapering; skin and flesh pure white; firm, brittle and tender, retaining these qualities even when roots have become old.

Oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c

**Turnip, Early Scarlet, White Tipped**—A handsome, very early round sort; skin bright scarlet on top and shading to white on the bottom; crisp and fine.

Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c



See Page 44.



Early Scarlet Turnip Radish.  
See Page 44.



Half Long Scarlet Radish—(See Page 44.)



French Breakfast Radish.  
See Page 44.



**RADISHES—Continued.**

**Chartier**—A long, smooth radish, red above and shading to clear white at the tip.

Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c.

**China Rose Winter**—Medium size, oblong, of a bright rose color; one of the best varieties for winter use.

Oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 90c

**Black Spanish Winter, Long**—Grows to a large size, of oblong shape; quite solid.

Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c.

**RHUBARB or PIE PLANT.**

**Culture**—Sow in early spring an inch deep, and when well started thin young plants to four inches apart. Rows should be a foot apart and kept well cultivated between rows to get vigorous, sturdy plants. When the plants are one year old, remove to prepared beds in early spring, and place four feet apart each way. Do not cut until the second year. Apply manure every fall.

**Monarch, or Giant**—Superior variety of large size.

Oz., 15c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50

**Salsify or Vegetable Oyster**

**Culture**—Sow in early spring, one inch deep, in drills one foot apart and thin young plants to three or four inches apart in the row. The soil should be deep and loose, and never allowed to get dry. General care same as for parsnips and carrots.

**Sandwich Island**—Of enormous size, very tender and delicious. Long, white tapering roots, less liable to branch. A favorite with market gardeners.

Oz., 15c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.50

**SORREL.**

**Culture**—Sow any time in deep, moist soil, even sour soils are preferable to what is considered good garden loam. Used same as spinach.

**Large-Leaved French**—Used for salads, and highly recommended when cooked like spinach.

Oz., 15c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.50

**SPINACH.**

**Culture**—An all-year crop. Sow early in fall and spring, in drills one foot apart, and thin the plants as you need them for cooking. For winter and spring use, sow in September. One ounce of seed will sow about seventy-five feet of row.

**Bloomsdale, or Savoy-Leaved**—The earliest of all the varieties, and one of the best for autumn planting for early use.

**SQUASHES**

**Culture**—Sow after danger of frost is past. Light, warm soil is best. Plant in hills prepared the same as for cucumbers and melons, the bush kinds about four feet apart, and the running varieties from six to nine feet apart, according to their nature, as some will run more than others. Plant about one-half dozen seeds in each hill and thin to three best plants. The earth about the plants should be kept loose and clear from weeds until runners are well started. Cutting off the leading shoots of the running varieties is recommended as having a tendency to promote growth and early maturity of the fruit. One ounce of seed will plant from thirty to fifty hills.

**Early White Bush Scalloped**—An early variety, well-flavored and productive; excellent for the market.

Oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c

**Long Island White Bush**—An improved strain of Early White Scallop Bush; very prolific.

Oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

**Hubbard**—The finest winter variety, vigorous, productive. Fruit large, weighty, moderately warted, with hard shell; color dark bronze green. A fine grained, thick, dry, richly flavored, orange-yellow flesh. Baked, it is similar to and as luscious as a sweet potato.

Oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 90c.

**Mammoth Chili**—Grows to immense size, often weighing over 200 pounds; very productive.

Oz., 15c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25

**Mammoth White Bush Scalloped**—Is much larger in size than the Early White Bush. Flesh clear, waxy white, tender and delicate.

Oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c

**Summer Crook-Neck**—This is the richest summer squash; very early and productive.

Oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c

**Winter Crook Neck**—A good fall variety; flesh close-grained and sweet.

Oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00

The leaf of this sort is wrinkled same as Savoy cabbage.

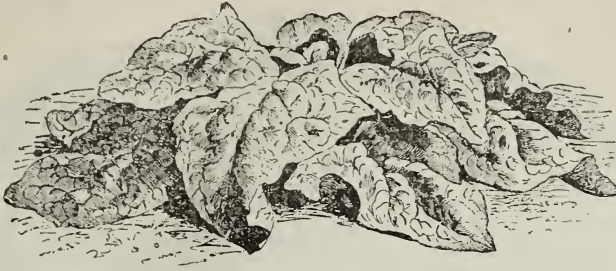
Oz., 10c;  $\frac{1}{4}$  lb., 15c; 1 lb., 50c

**Flanders Broad-Leaved**—Round seed; excellent and productive.

Oz., 10c;  $\frac{1}{4}$  lb., 15c; 1 lb., 40c

**Large Viroflay**—For either spring or fall sowing. Produces great quantities of large, thick, roundish leaves.

Oz., 10c;  $\frac{1}{4}$  lb., 15c; 1 lb., 40c



Flanders Spinach.  
See Page 46.

## PACKETS

WELL

FILLED

Our packets, we believe, contain more seeds in proportion to the price asked than those put up by the majority of seedsmen. You get full value for your money, and liberal discounts as well.

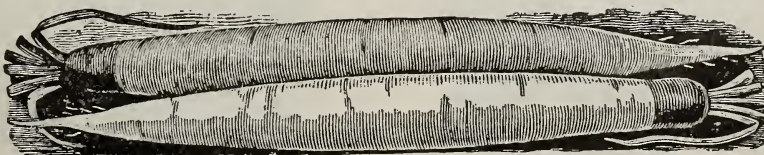
We are prepared to fill your order at any time — right NOW. It will pay you to order early, so you will have your seed to sow just at the right time.



Savoy Spinach.  
See Page 46.



Broad-Leaved Sorrel.  
See Page 46.



Sandwich Island Salsify.  
See Page 46.





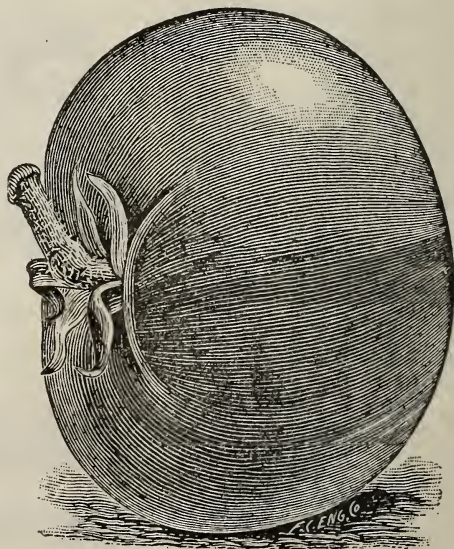
See Page 49.

**HAMMOND'S SLUG SHOT KILLS INSECTS, SAVES FOLIAGE.**

SLUG SHOT kills cabbage worms, also cucumber, melon, squash and potato bugs. Contains nothing in the least injurious. Non-poisonous and harmless to all creatures except insect life. 5-lb. package, not pre paid, 30c.



**Dwarf Champion Tomato.**  
See Page 49.



**Crimson Cushion.**  
See Page 49.

# TOMATOES.

**Culture**—Sow in hot bed or frame, about December, for winter crop in frostless belts, or in early spring for summer crop. Growth must never be checked or a shortened fruit crop will result. When the plants are two or three inches high, thin them out and set in pots or in another bed, to give them room and make them 'stocky.' When five or six inches high, if the weather be warm and settled, transplant them to open ground, selecting a rainy day if possible; in the absence of rain, water and protect till well rooted. Set plants four feet apart each way. One ounce of seed will produce 3,000 plants. The tomato requires a rather light soil to ripen early, but if handsome fruit and a plentiful crop be desired, very rich soil should be selected and good cultivation given.

**Perfection**—A good quality and very prolific.

Oz., 20c; ¼ lb., 60c; 1 lb., \$2.00

**Ponderosa**—Grows to enormous size, sometimes weighing from two to three pounds each; very smooth and solid.

Oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.50

**Spark's Earliana**—Early and prolific; very solid and noted as a good shipper.

Oz., 25c; ¼ lb., 75c; 1 lb., \$2.50

**Livingston's Favorite**—Beautiful shape, smooth and a good bearer; ripens evenly.

Oz., 20c; ¼ lb., 60c; 1 lb., \$2.00

**Livingston's Globe** (95 days)—Of globe shape, large size, always smooth, firm fleshed, with few seeds, and ripens evenly. The color is a fine glossy rose tinged with purple. Early.

Pkt. 5c; oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.00

**New Stone**—A splendid variety for shipping; bright scarlet, large, smooth and firm; excellent quality and one of the best for general use.

Oz., 25c; ¼ lb., 75c; 1 lb., \$2.50

**Dwarf Champion**—An early and distinct variety, medium in size; plant of dwarf and compact growth.

Oz., 25c; ¼ lb., 75c; 1 lb., \$2.50

**Dwarf Stone**—Vine resembles Dwarf Champion, but stronger. Fruit same color and size as the New Stone.

Oz., 25c; ¼ lb., 75c; 1 lb., \$2.50

**Golden Queen**—The best yellow. Has a fine appearance and a distinct flavor.

Oz., 20c; ¼ lb., 60c; 1 lb., \$2.00

**Acme**—One of the earliest and handsomest varieties. Fruit of medium size, perfectly smooth and regular in shape; a great bearer; color dark red with a purplish tint.

Oz., 25c; ¼ lb., 75c; 1 lb., \$2.50

**Livingston's Beauty**—Of large size; grows in clusters of four or five; color glossy crimson with a purplish tinge.

Oz., 25c; ¼ lb., 60c; 1 lb., \$2.00

# TURNIPS

**Culture**—Sow during cool weather, from August to April. For early crops, sow the Early White Flat Dutch or Early Purple Top Milan during early winter; and for summer crops sow any of the other varieties at intervals of two weeks, in drills twelve inches apart; cover the seed lightly unless the season be very dry; thin out the plants to six or eight inches apart. For fall or winter use, sow the Early White Flat Dutch or Purple Top Strap Leaf. Success in raising turnips depends upon the selection of soil and its subsequent preparation. Stir deeply.

**Early Purple Top Milan**—One of the earliest varieties.

Oz., 10c; ¼ lb., 25c; 1 lb., 85c

**Early White Egg**—An egg-shaped variety for spring and fall sowing; flesh firm, fine-grained, mild and sweet.

Oz., 10c; ¼ lb., 25c; 1 lb., 75c

**Early White Flat Dutch**—White flesh, medium size, quick growth.

Oz., 10c; ¼ lb., 20c; 1 lb., 50c

**Red Top White Globe**—A very fine variety, globe-shaped; flesh white and of excellent quality.

Oz., 10c; ¼ lb., 20c; 1 lb., 50c

**Golden Ball**—Round, smooth English turnip of fine quality; skin bright yellow; good keeper.

Oz., 10c; ¼ lb., 25c; 1 lb., 75c

**Purple Top Strap Leaf**—Very productive; matures quickly; flesh white and sweet.

Oz., 10c; ¼ lb., 20c; 1 lb., 50c



Purple Top Ruta Baga.



## TURNIPS—Continued.

**Yellow Globe**—A round, smooth, medium sized, light yellow turnip, with crisp, firm flesh of fine quality; a very attractive and beautiful sort.

Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c

**Yellow Aberdeen**—Roots medium sized, round, flesh pale yellow, tender and sugary; the variety is hardy and productive and the roots keep well. It is considered as approaching very nearly to the Ruta Baga in hardiness and firmness of texture and therefore is of special value for feeding cattle.

Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c



**Early Red or Purple Top Turnip.**

**American Purple Top Ruta Baga**—This is a strain of Purple Top Yellow Ruta Baga of American origin, selected to a smaller top and much shorter neck than is usually found, while the roots grow to a large size and are of the finest quality and excellent for table use and stock feeding. We consider this one of the most desirable sorts.

**Seven Top**—Does not produce a good root, but is extensively grown in the South for the tops which are used as "greens." Very hardy and will grow all winter.

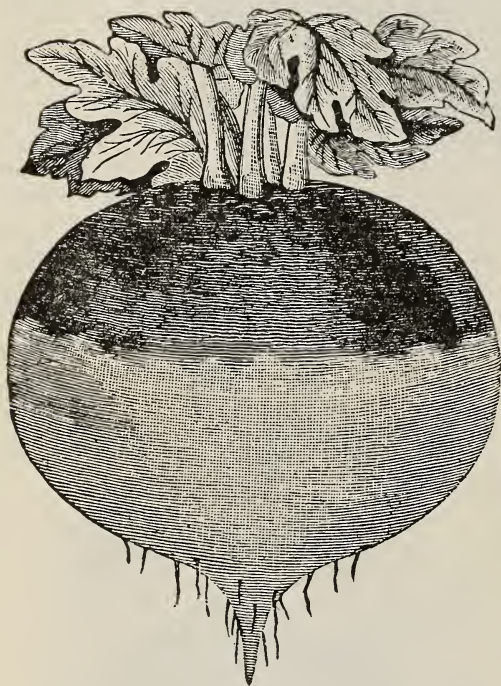
Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c

**Cow Horn, or Long White**—Pure white, except a little shade of green at the top; carrot-like in form, slightly crooked and growing nearly half out of the ground. Delicate and well-flavored, of very rapid growth and has obtained considerable favor as a market sort for fall and early winter.

Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c

**Large Amber Globe**—One of the best yellow fleshed varieties grown as a field crop for stock. Flesh yellow, fine grained and sweet; color of skin yellow; top green. Grows to a large size, is hardy, keeps well and is a good cropper. Very popular in the South.

Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c.



**Purple Top Globe Turnip.**

• **REMEMBER**—At prices quoted postpaid on seeds by the packet, ounce, quarter-pound and pound, we deliver at your postoffice or nearest express office all charges paid. If you order pounds quoted by mail postpaid, to be shipped by express at your expense, you can deduct 10c. per pound from mail prices.

# HERBS.

## Sweet, Pot and Medicinal.

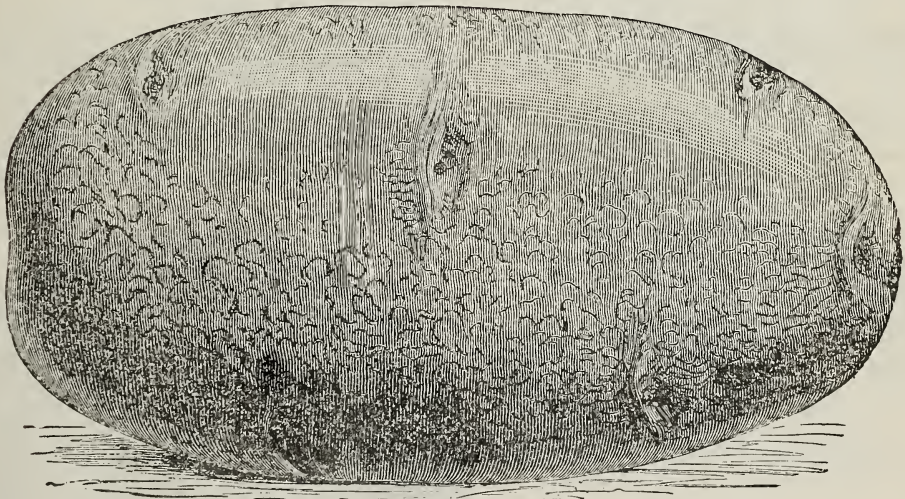
**Culture:** Most Herbs thrive best on light, sandy soil. Sow early in the Spring or Fall in carefully prepared and thoroughly cultivated ground. Plant shallow and press soil down firmly.

|  |             |
|--|-------------|
| Anise—Seeds aromatic and carminative.                            | Pkt. \$0.05 |
| Balm—For culinary purposes.....                                  | .05         |
| Basil—Dwarf or bush. Culinary herb..                             | .05         |
| Basil—Sweet. Culinary herb used for<br>flavoring soups, etc..... | .05         |
| Bene—The leaves used for dysentery..                             | .05         |
| Borage—Leaves used as a salad.....                               | .05         |
| Carraway—Used in flavoring liquors<br>and bread.....             | .05         |
| Catnip—Has medicinal qualities.....                              | .10         |
| Coriander—Seeds aromatic.....                                    | .05         |
| Dill—Seeds used for flavoring vinegar                            | .05         |

|   |     |
|---|-----|
| Fennel—Sweet Seeds aromatic; for<br>flavoring .....         | .05 |
| Fennel—Florence. In flavor resembl-<br>ing celery.....      | .05 |
| Horehound—Has medicinal qualities..                         | .05 |
| Lavender—For oil and distilled water                        | .05 |
| Marjoram—Sweet. Used in seasoning                           | .05 |
| Rosemary—Yields an aromatic oil and<br>water .....          | .05 |
| Rue—Said to have medicinal qualities                        | .05 |
| Sage—Common. A culinary herb; also<br>used in medicine..... | .05 |
| Savory—Summer. Used as a culinary<br>herb .....             | .05 |
| Savory—Winter. Used as a culinary<br>herb .....             | .05 |
| Tansy—Generally used in bitters....                         | .10 |
| Thyme—French .....  | .10 |
| Wormwood—Has medicinal qualities..                          | .05 |

# SEED POTATOES.

The Choicest of all Northern Stock.



White Star.

**Spring Planting:** After the ground has been thoroughly plowed and harrowed, lay off the rows two and one-half feet apart, making a slight furrow, into which drop the pieces of potatoes every ten inches apart; cover with the hoe or turning plow. Just before the potatoes come up, run a light harrow over the ground to break the crust and also to kill young weeds and grass. After the potato plants are about six inches high, commence to cultivate with the horse cultivator, followed by the hoe. Two or three cultivations during the grow-

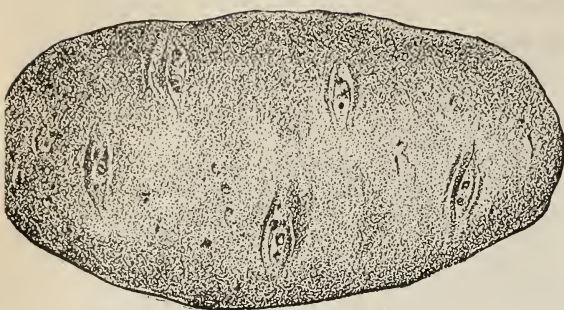
ing season are generally sufficient to secure a good crop. Do not cultivate too late; after the young potatoes are about one-third or one-half grown all cultivation must stop.

**Fall Planting:** Use the same directions as for spring planting, with the exception for fall planting always plant the whole potato, using the small potatoes with from 2 to 3 eyes.

In season will carry a full line of Seed Potatoes from the seed-growing sections. Truckers who will write us for prices will kindly state quantities desired. We will

WRITE FOR SPECIAL PRICE ON POTATOES IN SACKS.





Early Rose Potato.

make especially low figures on car lots delivered at your station.

**Triumph**—A very early pink skinned variety largely grown by truckers for shipment to Northern markets. Of handsome shape and appearance, superior quality and admirably adapted to our Southern soil and climate. It is one to two weeks earlier than the Early Rose and is rapidly becoming one of the most popular market varieties.

Pk., 50c; bu., \$1.50

**Early Rose**—A leading variety for earliness and productiveness.

Pk., 50c; bu., \$1.50

**Burbank**—Among the late varieties this is more largely grown than any other. It is of good size, fine form and an excellent yielder. Flesh white, very mealy, and of fine flavor.

Pk., 50c; bu., \$1.50.

**Irish Cobbler**—The Irish Cobbler is one of the most reliable, and fast becoming one of the most popular, of the early varieties. It is of handsome cream-white color, and of excellent quality, making it most desirable for the best trade. It is a vigorous grower, ripens uniformly, and a good keeper; in short, the best all-round early potato now on the market.

Pk., 50c; bu., \$1.50

**White Star**—A splendid and productive variety for market and table use; it is medium early, tubers oblong, large and uniform in size; vines strong, of dark green color, stocky and vigorous; skin and flesh white and of fine quality; also a good keeper. Although only planted here the past six years to any extent, it has become the market gardener's favorite.

Pk., 50c; bu., \$1.50

**Peerless**—One of the most popular second, early or late varieties in cultivation. Its great beauty, superior quality and enormous productiveness have made it a great favorite.

Pk., 50c; bu., \$1.50

## SWEET POTATOES.

**Culture:** Prepare a bed of good soil, rather sandy, and lay Potatoes close together. Cover 5 inches deep and water moderately. When plants are formed—in about six weeks—set one foot apart on ridges four feet apart, well drawn up and rather flat on top. Use hoe to keep young grass from choking plants and some horse cultivating is advisable. No further attention is necessary.

Prices Subject to Market Changes.

**The Dooley Yam**—Taking into consideration quality and productiveness, the Yam stands at the head of the list. Frequently, when baked, the saccharine matter in the shape of candy will be seen hanging to them in strings. Skin and flesh yellow and very sweet. Without a doubt the best potato for family use.

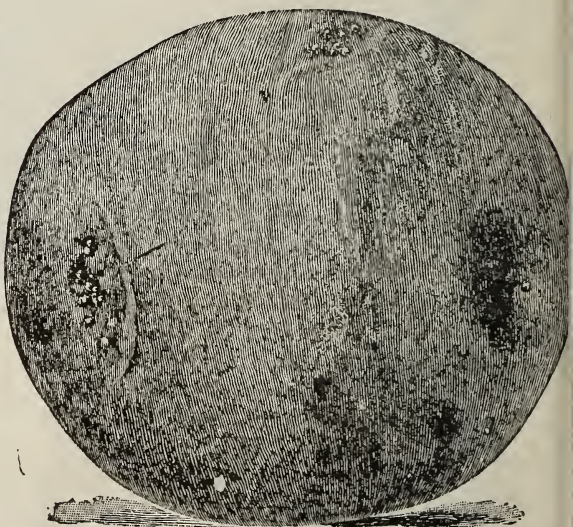
Price, one-half bushel, 90c; bushel, \$1.60.

**Southern Queen**—Very similar to the former, but smoother, the tubers having no veins, or very few; it is earlier.

Price, one-half bushel, 90c; bushel, \$1.60.

**Pumpkin Yam**—This potato is similar in shape and appearance to the Spanish Yam, but the flesh is red or buff color and has somewhat the appearance of pumpkin. It is very fine when cooked or baked; very prolific; on the market it is always in demand.

Price, one-half bushel, 90c; bushel, \$1.60.



Triumph Potato.

ALPINE KILLS SCALES ON TREES. PINTS, 65c; QUARTS, \$1.00.

# Re-Cleaned Grass and Clover Seed

## CLOVER SEED

**Alsike, or Hybrid (Swedish)**—Hardest of all clovers. On rich moist soil yields large quantities of hay or pasture. Will thrive in soils which are so wet that the common Red Clover would not live. Unlike some of the other clovers, which have tap roots, Alsike has many fibrous roots, hence is not injured by freezing and thawing of the ground. Esteemed highly by bee keepers. Sow 7 pounds per acre.

1 lb., 45c, postpaid; 10 lbs., \$2.25

**Mammoth Clover**—Valuable with other grasses for mixed hay. Ripens about with timothy. Being a rank grower it is used largely for plowing under. Sow 10 pounds per acre.

1 lb., 40c, postpaid; 10 lbs., \$2.70

**Medium, or Common Red**—The most important and valuable of the clover family. Makes the best of hay. Sow 10 pounds per acre.

1 lb., 40c, postpaid; 10 lbs., \$2.70

**White Dutch Clover**—Good in permanent pastures, especially for cattle; valuable for bees, and the best variety for lawns, as it forms a close herbage and remains green throughout the season. Sow in spring at the rate of 5 pounds per acre when sown alone.

1 lb., 50c, postpaid; 10 lbs., \$4.00

**Crimson Clover**—Should be sown in July, August and September of each year. Can be sown with corn, or any cultivated crop. Sow 10 to 15 pounds per acre. Cover lightly. Use only American-grown seed. The spring following it can be cut for soiling by April 20; for ensilage May 1 to 15; for seed first week in June.

1 lb., 35c, postpaid; 10 lbs., \$2.00

**Japan Clover (Lespedeza Striata)**—The greatest blessing that could come to the South. A legume, Southern seed. Grows anywhere; is tenacious in any soil; lasts always; well known now in the South. Sow in spring in permanent pastures by scarifying surface with disc harrow. It may be classed among the most valuable hay and pasture plants of the Southern States; is eaten greedily by stock from June until frost. In some soils it grows twenty inches high; is mowed; two tons to acre; rich soil grows thirty inches; appears in May; can plant in spring twenty-five pounds or one bushel per acre alone, or fall with rye and oats. This clover is spreading by natural means rapidly through the whole South.

Lb., 35c, postpaid; bushel, \$4.50

**Burr Clover**—A most valuable grazing crop, growing luxuriantly all through the winter and until summer comes fully on. After once being seeded, it reseeds itself each succeeding year. It is admirably and improves in growth and appearance adapted for use with Bermuda grass, and the combination of the two makes a splendid all-the-year-round pasturage. When sown on Bermuda grass sod, the sod must be scarified to give the clover a chance to get its roots in the soil below the layer of Bermuda roots. It is also desirable to



Burr Clover.

scarify it in this way each fall for the best results. This scarifying is also beneficial to the Bermuda grass. This seed is very hard to thresh out from the burrs. It is very much more satisfactory to sow the re-cleaned or hulled seed than the seed in the burr. Sow ten to twelve pounds per acre of hulled seed and twenty-five to thirty pounds in the burr.

Price, re-cleaned or hulled: Lb., 30c, by mail; by express or freight, 10 lbs., \$2.00; 100 lbs., \$17.50.



## Giant Beggar Weed or Florida Clover

**Giant Beggar Weed, or Florida Clover—** A crop of immense value for restoring fertility to worn-out or depleted soils. On sandy lands of the Southern States it is probably the most valuable forage plant which can be sown, besides being of immense benefit to the soil. Its growth is immense, sometimes attaining a height of seven feet; is densely covered with leaves, yields both hay and pasturage abundantly, and is of high nutritive value, many farmers estimating its feeding value equal to clover. Sow any time after frost and as late as the middle of June; if in drills, three feet apart, three to four pounds per acre, or, broadcast, ten to twelve pounds per acre, covering one to two inches. If cut when two feet high, either for hay or green food, it will branch from the roots, producing successive crops. Can be easily eradicated, and is in no sense a pest.

Lb., 60c; 10 lbs. and over at 50c lb.

Write for prices on bushel lots or more.

## ALFALFA

### The Great Hay and Soil Renovating Plant.

Alfalfa is one of the most valuable perennial leguminous forage and hay plants in cultivation. It is grown with more or less success in nearly every State in the Union. The plant in appearance differs widely from other clovers. The young plants are of a beautiful emerald green color, growing upright and branching in character. The leaves are smooth and three-parted, each part being broadcast above the middle and round in outline. The plant produces, after it gets twelve to twenty-four inches high, bluish purple flowers, distributed on different parts of its structure.

The root system of the plant is the most beautiful thing in connection with its growth. There is no telling how deep the roots of Alfalfa will penetrate. They have been discovered below the earth's surface more than a hundred feet. The depth to which they penetrate depends largely on the physical condition of the soil below the surface, also the depth of the water table, which the roots always seek. Generally speaking, the soil best suited for Alfalfa is a sandy loam with porous or gravelly clay subsoil. But as so much depends on the underlying soil, no definite recommendations can be given. A safe conclusion can only be reached through a practical experiment. Usually bottom lands are adapted to Alfalfa, provided they do not overflow or the water table be too close to the surface. It should be understood that Alfalfa does not stand overflowing, nor will it succeed on sobby or wet lands. Soil contain-

ing a good per cent of water, soluble lime, when other conditions are correct, is usually a good situation for Alfalfa. Alfalfa will establish itself much quicker where the soil is inoculated with the same bacteria that infests the roots of this plant in favorable Alfalfa sections. Such inoculation may be effected by mixing the seed to be sown with soil from an old-established field of Alfalfa. Ten bushels of such soil is said to be sufficient to inoculate an acre of ground. It should be interesting to know the same bacteria that infests the roots of bur clover and melilotus is identical to that on Alfalfa. So wherever bur clover and melilotus are found growing may be said to be a favorable situation for Alfalfa. Soil intended for Alfalfa should be broken very deeply and made as fine as possible. In most cases it will be found profitable to apply as much as 400 pounds of high-grade complete fertilizer to the acre. This will give the plants a good start, feeding them until the bacteria takes hold. The quantity of seed for an acre will depend largely on the quality and method of planting. Good seed only should be sown, and at the rate of twenty to twenty-five pounds to the acre. The seed may be broadcasted by hand or with a broadcast seed sower. An ordinary harrow will cover them deep enough, providing it is not very dry when sown. Rolling after sowing is advantageous, providing it be dry. Alfalfa may be sown in September, October or November, or during February, March and April. Fall sowing should prove more profitable, although such is not always the case. It is better not to risk all at the same time. No cultivation is usually given young Alfalfa, but there are times when spring sowing can be harrowed to great advantage, shortly after the plants are up, provided the ground is foul with weeds or has become caked. After the plants are established for a year, cultivation may be given with benefit each spring, after all danger of freezing is past. This cultivation is given with a disc harrow, with disc set perfectly straight. This working will split up the old crowns, stir the soil and seem to assist the plants in spreading, thus establishing a better stand. Alfalfa should be cut for hay when blooms begin to appear, and where delayed too long the quality of the hay will be much impaired. Great care must be exercised in curing and handling to prevent loss of leaves. The feed value of Alfalfa hay is very high. In fact, it is almost a complete ration for a work horse. Alfalfa may be cut from two to five times a season. The yield to an acre in a season will vary from one to six tons of dry hay.

Price, 25c lb.; 10 lbs., \$2.25. Special price on large lots.

**NOTICE—Prices on All Farm Seeds Subject to Change Without Notice.**

The safest way, if you require considerable amounts of Farm Seeds, will be to send us a list of your actual requirements, and we will be pleased to quote lowest market prices by return mail.

## GRASS SEEDS

Any grass, fodder or forage plant you want and do not find quoted, write for special terms.

**Red Top**—Valuable for hay, also grazing; does best on moist land.

Lb., postpaid, 35c; by express or freight, lb., 35c; 10 lbs., \$2.25.

**Kentucky Blue Grass**—Succeeds finely on hill lands, and produces the most nourishing food for cattle, retains its qualities to a late period in winter. Sow early in spring or during the months of October, and November.

Fancy clean seed, lb., postpaid, 50c; by express or freight, 10 lbs., \$4.00.

**Meadow Fescue, or English Blue Grass**—This is excellent for hay when sown with other grasses, such as Orchard Grass and Timothy, and is also one of the best grasses for permanent pasture on a great variety of soil. Sow thirty to forty pounds to the acre.

Lb., postpaid, 40c; by express or freight, lb., 30c; 10 lbs., \$2.50.

**Orchard Grass**—For meadows and pastures; stands drouth well; blooms with red clover; best in orchards.

Lb., postpaid, 35c; by express or freight, lb., 25c; 10 lbs., \$2.10.

**Timothy**—This is decidedly the best grass for hay, making a large return on strong, rich clay, or medium state of moisture.

By express or freight, lb., 25c; 10 lbs., \$2.25.

**Bromus Inermis**—Particularly adapted to poor, dry soils which are not adapted to other grasses; used both for pasture and hay.

Lb., postpaid, 35c; by express or freight, lb., 25c; 10 lbs., \$2.25.

## BERMUDA GRASS

Bermuda Grass is to the South what Kentucky Blue Grass is to the North, and is the best hay and pasture grass for all soils which are not too wet, and is the most common grass in all parts of the Gulf

States. Its leaves and fine creeping stems lie so close to the ground that it makes an excellent lawn grass. It is never injured by protracted drouth and is unhurt by the most frequent grazing and cuttings. Its roots are so strong and wiry that it is the best of soil-binders, and is used extensively for protecting levees, and railroad companies use thousands of pounds annually for seeding embankments. As a hay grass it is unexcelled and in favorable season will give two cuttings and yield not less than two tons of hay per acre. The ground should be very carefully prepared and harrowed as fine as possible. Seed may be sown from September to March at the rate of about three pounds per acre, and covered with a roller, though if sown just before a rain no covering will be needed. As the seeds are small they must not be covered deeply, or they will fail to germinate.

Price, postpaid,  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.10

**English Rye Grass**—Perennial. A vigorous growing Grass in meadows of moist soil. Valuable for permanent pastures. Sow 30 to 40 lbs. per acre.

Lb., 25c, postpaid. Bus., \$2.50.

**Tall Meadow Oat Grass**—Valuable for hay and pastures; very hardy. Sow two or three bushels per acre.

Lb., 35c, postpaid. Bus. (10 lbs.), \$2.50.

**Rescue (Bromus unioloides)**—Finest grass for winter pasture in the South. It succeeds best in rich, loamy soil. Sow in August and September. This grass is an annual and will die after producing seed. If prevented from seeding will last several years. During the summer it dries up so that the use of the land during that period is lost. Sow Bermuda Grass for Summer and Rescue Grass for Winter and have green pasture the year round.

Lb., 35c, postpaid; by freight or express, lb., 25c; 20 lbs., \$4.20.

**Fine Mixed Lawn Grass**—A thoroughly first-class mixture, made of the best and cleanest grades of those varieties used and best adapted to general lawn purposes.

Lb., 35c; 100 lbs., \$20.00.

**Mesquite, or Velvet**—One of the finest grasses for the South. Sown in the spring at the rate of twenty-five to thirty pounds per acre.

Lb., 30c, postpaid; by freight or express, lb., 20c; 20 lbs., \$3.60.

**NEVER PLANT A CROP OF ANY KIND OF SEED WITHOUT FIRST TESTING THEM FOR GERMINATION.**



# FARM SEEDS and FORAGE CROPS.

## COW PEAS.

Prices subject to market changes. Write us for prices when large quantities are wanted.

The Cow Pea is too well known by the Southern farmer for us to describe them or give their merits. We wish only to impress upon our patrons the value and importance of planting more Cow Peas, as they are the greatest of all leguminous plants, in obtaining from the air that most expensive plant food, nitrogen, storing in their roots, making poor land rich, and good land much improved. Sow 1 to 1½ bushels to an acre.

**Whippoorwill**—The most highly valued plant in the South for fodder and reclaiming old and worn-out land, as it is a leguminous plant of special merit as a fertilizer. The vines when fed green make the best fodder and are very nourishing. The Whippoorwill is the most popular sort and yields a good crop of both fodder and peas. When ripened the ground peas make the best cattle fattener. By express or freight. Peck, 65c.

**New Era**—The earliest variety of Cow Peas in existence and therefore most decidedly the best for growing in the Southern States. If you will get the grain off the ground early and plow and plant to New Era Cow Peas you can put the ground in fine shape for the coming crop. You will not have to haul manure on land so treated. Sow in orchards and either use for feed or soiling. By express or freight. Peck, 70c.

**Wonderful or Unknown**—This makes an enormous growth of vines, but requires the full growing season to make its crop. In yield and growth of vines it surpasses any of the varieties of Cow Peas, and it yields very largely of the shelled peas. This variety should be planted in May, in order to come to full maturity. By express or freight.

Peck, 80c.

**Large, Black-Eyed Peas**—The large Black-Eyed Peas make a profitable crop for picking the dry peas for sale in our markets during the winter; at the same time make an excellent soil-improver, being similar in growth of vine and action of roots upon the soil to the other Cow Peas. By express or freight.

Peck, \$1.25

**Clay Peas**—Most desirable for enriching the soil and for furnishing a large crop of nutritious forage. By express or freight.

Peck, 80c.

**Cream Peas**—This is the most beautiful table Pea we have ever had the pleasure of offering our customers. It has given the best satisfaction of any variety we have ever offered for table use, and very deservedly so,

as there are none that can surpass it in splendid flavor. In point of yield, they double the well-known Black-Eye, command a higher price on the market, cook quicker, and are in every way superior to it as a table sort. It grows in bunch form. Peas are of a cream color. By express or freight.

Peck, \$1.25

**Crowder Peas**—Small seeded, but strong growing and prolific Pea for table use. Peas are creamy white and of the finest quality. Express or freight.

Peck, \$1.50

**Mixed Peas**—Every year thousands of bushels of Peas become mixed in handling, and these are generally considered as good for forage purposes as the straight varieties and usually sell for a little less. By express or freight.

Peck, 70c.

**Note:** If there are any other varieties of Peas which you want, write us, and we will let you know if we can furnish them. Samples of all varieties on application.

## FIELD BEANS.

**Velvet Bean**—This has been tried and found to be the best forage plant in the South. It produces more vine and leaves than any of the Cow Peas, and the leaves remain green longer. The seeds are rich in fattening matter, and are relished by all stock. Before feeding to cows it will be found best to soak in clear water until soft. The product is simply enormous. Plant the beans in rows about six feet apart, and drop the beans about twelve inches apart in the row. Plant as soon as danger of frost is over, soaking the seed twenty-four hours before planting. One peck will plant an acre. By express or freight.

Per peck, \$1.50

**SOJA BEAN**—One of the most valuable forage plants for pasturing or feeding green. The vines are bushy and of vigorous, erect habit. Fed in the green state, they afford much nutritious forage. Sow broadcast at the rate of one-half bushel to the acre, or plant in drills 3½ feet apart and 1½ feet between the plants, dropping two or three beans in a hill. One gallon will sow one acre if drilled. By freight or express.

Per peck, \$1.50

**Navy Beans** (Commonly called white "Soup" Beans)—This is the greatest commercial bean in the world, and is planted both as a garden and field variety. It is a bush or dwarf sort of upright growth and a prolific bearer.

Large pkt., 10c; pt., 20c; qt., 35c; post-paid. Express or freight, pt., 10c; qt., 20c; pk., \$1.25.

WRITE FOR SPECIAL PRICES ON BUSHEL LOTS OF THE ABOVE VARIETIES.

## Farm Seeds and Forage Crops---Continued

### DWARF ESSEX RAPE

For Sheep, Young Cattle, Hogs and Poultry.

The seed of Rape in appearance is just like an ordinary turnip seed, and it might be said that they may be planted in the same manner as turnips and in any month in the year in which turnips may be sown. But since Rape is a hardy plant, in fact, a cold weather plant, experiments have shown that it will only be profitable to sow this plant in the South in the fall or early spring. Rape is a very gross feeder, consequently it should always be planted on extra good soil to obtain the best results, but since it is to be used exclusively for a green pasture practically little loss of plant food will be experienced, as the stock will return practically all of the plant food that has been taken up from the soil. The ground should be prepared by deep plowing, pulverized well, and the seed should be put in to about the same depth as turnips, or one inch, and where practicable the ground should be rolled. The seed germinate quickly and when just above the ground they look identical with rutabaga turnips, but will grow off more rapidly, soon become erect, and throw out numerous branches from the main stalk. It is available for pasture usually in about six weeks after sowing, and when eaten down, spring up rapidly and afford a long duration of excellent pasture. The quantity of seed to plant an acre will depend somewhat on what is desired in the pasture, but usually from eight to ten pounds of seed, when broadcasted, will yield a sufficient stand, but when it is drilled and workings are to ensue, one-half this amount will be sufficient. It is frequently planted in drills and cut for green food for all classes of live stock during the winter. All classes of stock do well on Rape, but it is especially valuable for hogs, and furnishes the greatest quantity of forage at the least cost of anything that we know of.

Price, lb., 15c

By mail, postpaid, lb., 25c; by express or freight, 10 lbs. and over, 10c per lb.

### WHEAT.

**Blue Stem**—Smooth head. Has a blue stem, and is the general favorite in Georgia and Carolina. Our patrons seem to like it best of all.

Bu., \$2.00

### CHUFAS, OR EARTH ALMONDS.

**Chufas**—This is a species of "earth nut," grown in the South to fatten hogs, but not to be mistaken for Nut Grass. The Chufa is the best root crop that can be grown for



Dwarf Essex Rape.

hogs on soils too thin for artichokes, but is not suited to heavy soils. The plants shade the ground but little, and need cultivating the entire summer. Yield 100 bushels per acre. The roots may remain in the ground through the winter, and be harvested when wanted.

Price of seed, qt., 20c; pk., \$1.50. By mail, postpaid, qt., 40c.

**Cyclone Seeder**—This is one of the simplest and best cheap seeders on the market. It is very useful on any farm, and where any seed are to be sown will pay for itself in one day. Will sow wheat, rye, barley, sorghum, buckwheat, alfalfa, clover, millet, turnips, rape, and in fact practically all seed. Easily adjusted to the different seed. Full directions accompany each machine.

Price, \$1.50 each

### TEOSINTE.

**An Agricultural Wonder**—Yielding 100 tons green feed to acre. Resembles Indian Corn, but the leaves are much longer, broader and sweeter. Grows 12 feet high, producing many shoots, thickly covered with heavy foliage. Plant like corn. Over 100 stalks from one seed. Two pounds seeds plant an acre. We have the only genuine variety.

Our prices for Teosinte: Oz., 10c; lb., \$1.00

### JAPANESE BUCKWHEAT.

This is the most productive of all buckwheat, a week earlier than Silver Hull, and the yield is nearly double; the kernels are twice as large as any other variety and are a richer color; best for bees.

Per lb., 10c; pk., 60c; bu., \$2.00



## Farm Seeds and Forage Crops---Continued

### Rye, Barley and Speltz

**Rye**—Winter Rye still remains the most popular winter grain used in the South. Its use is greatly increasing, until now nearly every Southern farm will have its rye patch. Rye is sown from the middle of July until January. Poultry raisers will find rye a valuable crop to furnish green during the fall and winter; it will increase the egg production.

**Winter Rye (South Georgia Grown)**—This is a type of rye grown in South Georgia. It is peculiarly adapted to the latitude in the southern half of the Gulf States. It grows erect and very tall, even on thin land, and is very desirable for grazing or for hay. If it is the purpose to produce hay, a great improvement can be added to the product by sowing it with hairy vetch, using three pecks or a bushel of rye and fifteen to twenty-five pounds of vetch to the acre. When the rye begins to head and before the beard gets tough it should be cut, as then the vetch will be in bloom and the time is correct for the greatest yield and best quality.

Price of genuine South Georgia grown Rye, bushel, \$2.50.

**Winter Rye (Tennessee or Northern Grown)**—This is the hardest type of rye grown. This type of rye is largely used for winter pasture, either by itself or in a grain mixture composed of winter oats, winter barley, etc. This mixture of other grain is very desirable because all classes of live stock will eat it better.

Price of Tennessee or Northern, bushel, \$1.50.

Write for price in quantity.

**Winter Barley (Bearded Variety)**—Winter Barley is used for every purpose that rye is, and possesses both advantages and disadvantages in comparison to rye. Barley will grow faster than rye, produces more blades and is much more readily eaten by all classes of live stock. Winter barley may be planted in the South from the middle of July until December, the earlier the better, especially where it is intended for a winter pasture. August and September sowings when well fertilized or sown on a rich situation will afford a quantity of grazing by Christmas. When barley is sown alone and intended for grazing we recommend that two bushels be sown to the acre. The same method of planting and preparation used in sowing oats, wheat or rye will answer for barley.

The main factor for a success with barley is the seed itself. Most of the barley offered for seed is Northern grown, harvested generally from spring sowing. This is absolutely unfit for the Southern States. We offer only genuine Tennessee grown winter barley from fall sowings. The seed costs more, but it never disappoints.

Price of seed, bu., \$2.00

Write for price in quantity.

**Beardless Barley**—This is comparatively a new thing in the South, but growing into great favor. It is very much like the ordinary barley in grain and growth, but has the peculiarity of having no beard, an advantage alone that is easily seen by the planter. Another thing, it is extremely early and quick in its growth, thus affording a quick grain hay not equalled by the slower growing grains. Beardless barley is more frequently sown in the South in very early spring and will mature as quick as winter barley sown in the fall. It is peculiarly adapted for a quick hay crop, but is not equal to winter barley as a pasture because it does not spread or stool out in the same proportion. We urge everybody to try it.

Price of seed, bu., \$2.00

### SPELTZ, OR EMMER

A Valuable New Grain from Russia.

Outyields any other grain crop, and makes better feed than barley or oats. Yields 80 to 100 bushels of richer food than corn, besides giving as much as four tons of good hay to an acre. Speltz is found to be adapted to a wide range of soil and climate and has proven successful in every part of the South it has been planted. It makes excellent pasture and good hay if cut at the proper season. Will grow well and produce an immense crop on poor soil, and dry weather appears to have no effect upon it. It grows tall like rye, will mature as early as barley and produce twice as much grain as oats. Prepare your land like you would for oats or wheat and sow from September to December, or can be sown in spring, seventy-five pounds to an acre. The grain is rich in food matter, and of a superior quality for fattening hogs, cattle, sheep and poultry.

Price—1 lb., 20c; 3 lbs., 50c, postpaid; 50 lbs., \$2.50.

NEVER PLANT A CROP OF ANY KIND OF SEED WITHOUT FIRST TESTING THEM FOR GERMINATION.

## Farm Seeds and Forage Crops---Continued

### SEED OATS

The proper time to sow the Texas Red Rust Proof Oats is unquestionably in the fall of the year if one is to expect satisfactory yield. Still, the variety may be planted as late as February with satisfactory results. Two bushels should be planted to the acre and they should not be planted on other than very good soil. The price per bushel is generally about \$1.00. We advise our customers to write for prices when interested.

**Fertilizing**—The low yield of oats in the South is due in a large measure to the fact that the average farmer undertakes to sow oats on land entirely too poor to produce a satisfactory crop. It is simply a waste of money and energy to undertake to grow oats on poor soil. All classes of grain respond to fertilizer more noticeably than most any other crop. It is important that a reasonable amount of vegetable matter be contained in the soil if it may be expected to produce a satisfactory yield. This vegetable matter is easily applied to the soil through the use of cow-peas or other crop that may be turned under. In addition to vegetable matter it is desirable to resort to the use of commercial fertilizer, and in using commercial fertilizers for any class of grain crop it is desirable to apply what is termed complete fertilizers, and the most economical is generally a formula that will contain at least 10 per cent of available phosphoric acid, 4 per cent ammonia and 4 per cent potash. The quantity of this necessary for an acre will depend on the natural fertility of the soil, but no less than 200 to 400 pounds should be used broadcast to the acre, and in addition to the above an application of 1000 pounds of Nitrate of Soda to the acre broadcast when the oats are six to eight inches high will increase both the yield of straw and grain enormously.

**Texas Red Rust Proof**—This is the best known variety for Southern planting. It frequently yields 10 bushels per acre, and we have known of more prolific yields. Sown in the Fall, makes splendid winter pasture which does not prevent its making full crop in the spring. Nearly always more than a full crop of spring sown. For fall planting sow three bushels per acre in September or October. For spring planting sow two bushels per acre.

By express or freight, 90c.

**Winter Turf**—This variety comes from Tennessee and has proven most valuable for winter grazing besides maturing full crops of 50 to 75 bushels in the springs. It stools out to such an extent that 1½ to 2 bushels is sufficient per acre. They are



Extra Early Burt Oats.

grayish white in color. This variety has stood the heavy freezing of our late winters.

By express or freight, bu., \$1.35.

**Burt Oats**—These are practically the only spring oats—far better and safer than other oats sown in spring—and when oats are winter-killed these oats are invaluable. The Burt oat is also good oat sown in fall; three weeks earlier than Native Rust Proof.

Bushel, \$1.50.

**Appler Oats**—The finest oat, according to the Experiment Station, in the South. Rust proof; hardier than Texas. Heavy, often 37 pounds to the bushel. Matures about ten days earlier than native rust proof and a week or ten days later than Burt. Exceedingly prolific; can be harvested about last week in May. About 10 to 15 per cent better in straw and oats than Western R. P. Oats, and with far less beard and waste.

Bushel, \$1.50.



## Farm Seeds and Forage Crops---Continued

### Hairy, or Winter Vetch

This is one of the best of the legumes, making it a great soil renovating plant; makes excellent hay and forage.

**Hairy or Winter Vetch**—It is one of our most valuable fall planting crops. Can be sown from July to November. Care must be taken to avoid sowing in hot, dry weather. The seed are sown broadcast and harrowed in. It has been found best to sow vetch with either wheat, rye or oats, wheat or rye being preferred. The advantage in sowing with grain is that the stiffer stalks of grain will help to hold it up, keeping it from matting and allowing a larger growth to be made, and easier harvested. When sown with wheat or rye use twenty to thirty pounds of hairy vetch to half bushel to three pecks of rye or wheat to an acre. If sown with oats, sow one bushel of oats to an acre, plow them in, then harrow, then broadcast twenty pounds of vetch to an acre and harrow in. In this manner you secure a better seed bed, will produce a better stand and your soil being in better condition to harvest. Vetch can be sown alone and will require forty-five to sixty pounds to the acre.

Vetches are better nitrogen gatherers and more profitable as a hay crop than cow-peas or crimson clover. They not only produce a very large yield of the most nutritious forage, but from two to three tons of hay can be made to the acre. The feed value of vetch hay is equal, pound for pound, of that of wheat bran. So that it is easy for the Southern farmer to realize its high feed value.

An important advantage to the Southern farmer and stock raiser as a winter and early spring pasture crop. When vetches are sown early, they can be pastured during the winter and early spring, furnishing a most nutritious feed. If the stock are taken off not later than the first of April a large forage crop can be made and harvested in June.

The forage is greatly relished by all classes of live stock, and is an especially fine milk-producing food. Cows fed on this make the richest butter.

Hairy or Sand Vetch is the true Winter Vetch, and takes the place in the winter that cow-peas does in the summer.

There is no standard weight of vetch for a bushel, although a measured bushel will weigh sixty pounds. We, therefore, price by the pound.

Price of seed—1 lb., 12c; if by mail, 1 lb., 22c.

Write for special prices in quantity. Name quantity wanted.

Spring, or English Vetch (*Vicia Sativa*)—Also known as Oregon and Winter Vetch. This type of vetch is much like Hairy Vetch in character of growth, and is used for the same purposes. It is not so tardy or resistant to cold weather, but in certain sections of the South where the winters are very mild it is used in preference to the Hairy Vetch. The seed of spring vetches are much larger than the Hairy Vetch, not so round, being more flat and a lighter shade of color. They are planted both in the fall and early spring, either by themselves or in connection with winter grain, grasses or clovers. This type of vetch is largely sown with oats in January and February, especially where a fine crop of hay is wanted.

Price of seed—1 lb., 10c; by mail, post-paid, 1 lb., 20c.

Write for prices in quantity.

**Special Information About Vetch**—One peculiarity of all types of vetches is that very frequently the first year they are tried on a certain piece of land, either a poor stand or feeble growth will be made and thus discourage a farmer from trying it again. Now, if this same piece of land be sown to vetch the second year, much better results will be obtained and much finer growth will be manifested the third year on the same ground, and so on. Such failures are generally attributed to the seed, which, in nine cases out of ten, is not so.

### Pearl, or Cat-Tail Millet (Pencillaria.)

This makes a most nutritious and valuable continuous cutting forage plant, and is increasing in popularity throughout the country. It will grow ten to twelve feet high, but cutting can be commenced when it has attained the height of three to four feet, when it will stool out enormously and make a rapid growth, and it can be cut in this way three or four times in a season. It is largely used by dairymen and others who have cattle, for furnishing them green food through the summer, as, if a sufficient quantity is sown, it can be cut as desired, furnishing a daily supply of green food until killed by freezing weather. It can be fed either green or cured as dry forage, making a most nutritious feed, which is relished by all kinds of stock. It can also be cut two or three times during the season from one seeding. Sow five pounds of seed per acre in drills three feet apart, or sow broadcast at the rate of twenty to thirty pounds per acre. Drilling is usually preferable where it is desired to cut for green feed. Pearl, or Cat-Tail Millet should

## Farm Seeds and Forage Crops---Continued

### PEARL, OR CAT-TAIL MILLET— Continued.

not be planted before May. It is a tropical plant, and requires warm soil and warm weather to germinate well and grow off to best advantage.

1 lb., postpaid, 25c; 10 lbs. and over, 12c lb.

### GERMAN MILLET

Choice Southern Grown Seed.

German Millet makes a large-yielding and most nutritious hay crop, quick-growing and easily cured. It requires, however, to be seeded thickly—not less than one bushel per acre—and the crop should always be cut while in bloom, before the seed hardens in the head. If the seed is allowed to form, the stalks get hard, and it does not make nearly as good quality hay, and at the same time it is more exhaustive to the land. It can be sown at any time from the middle of May until the end of July. Do not sow too early, as it does not grow off well until the soil and weather get warm. It matures its crop in from six to eight weeks after seeding. Our Southern-grown German Millet makes much better growth than Western-grown seed.

Price of our Southern-grown Millet, \$2.00 per bushel of 50 pounds.

### Mammoth Russian Sunflower

The best variety for the farmer. Makes heads nearly double the size of the common kind, and makes a much larger yield of seed. Will yield, under favorable conditions, forty to sixty bushels to the acre, and yields of as high as 125 bushels have been reported under exceptionally favorable conditions. It is highly recommended for poultry, and the best egg-producing food known, and the leaves an excellent fodder, relished by all kinds of stock. The seed is a good food for horses, and yields a fine quality of oil. The strong, thick stalks can also be used for fuel. Cultivate the same as corn. When the seed is ripe and hard, cut off the heads and pile loosely in a rail pen having a solid floor, or in a corn crib. After curing sufficiently, so that they will thresh easily, flay out and run through a threshing machine and clean with an ordinary fanning mill. Some species of sunflower are largely planted in the flower garden for ornament. See Flower Seed pages. It is claimed in some sections of

the South that the growth of a sunflower crop near the house acts as a preventive of malaria.

Per lb., 10c; 10-lb. lots and over, 8c lb.

### EARLY AMBER SORGHUM

Furnishes a large yield of most nutritious forage, which can be fed either green or cured, and will yield two or three cuttings a year, stooling out thicker each time it is cut. It grows ten to twelve feet high. Sow broadcast for forage at the rate of one to one and a half bushels per acre in drills three and one-half to four feet apart.

Pkt., 5c; pk., 75c; bu., about \$2.50

### EARLY ORANGE SORGHUM

This variety is rapidly growing in favor wherever it is grown. Similar in growth to the Early Amber, but it is claimed that it produces a heavier crop.

Pkt., 5c; lb., 10c; pk., 75c; bu., \$2.50

Bushel price fluctuates.

### YELLOW MILO MAZE

This makes a thick, succulent growth of forage, very nutritious and of splendid milk producing qualities. This, like sorghums, can be cut over two or three times, where it is desired to cut for green forage. Also makes excellent ensilage, or can be cured same as other sorghums.

Lb., 10c; pk., 75c

### KAFFIR CORN

**White Kaffir Corn**—The standard variety to grow both for forage and for making seed to feed to poultry and cattle.

Pkt., 5c; 1 lb., 10c; pk., 60c

**Red Kaffir Corn**—Very popular in some sections, and probably a little harder than the White.

Pkt., 5c; 1 lb., 10c; pk., 60c

### Improved Evergreen Broom Corn

An excellent variety; is a good length, fine, straight, and has a green appearance when ripe, and sells at the highest market price. Sow in drills three feet apart, and thin out to three inches. Sow five pounds per acre.

Peck, 60c.; bushel, \$2.00.

NEVER PLANT A CROP OF ANY KIND OF SEED WITHOUT FIRST TESTING THEM  
FOR GERMINATION.



## Farm Seeds and Forage Crops---Continued

### Seed Cane

**Texas Seeded Ribbon Cane** (Sometimes called Goose-neck Cane)—The superiority of this Cane over Sorghum is so great that when once grown a man never returns to the use of any other Cane. The grade of molasses made from it is much superior to that made from Sorghum, as every one knows who has used Ribbon Cane Syrup. Another good feature of this Cane is the great yield it makes. The stalks grow from 12 to 14 feet high. Cut with the foliage on and run through the mill, it makes the finest kind of silage for cattle and horses. It matures two months earlier than any other Ribbon Cane, being ready to grind the latter part of August, while other Ribbon Cane does not mature before October. It will grow anywhere Sorghum will grow. In planting, prepare ground, plant and cultivate as for Sorghum. Plant in rows 3 1-2 feet apart. Six to eight pounds of seed will plant one acre, if planted by hand; eight to ten pounds if planter is used.

Lb., 30c, postpaid; by freight or express, lb., 20c; 10 lbs., \$1.50.

### PEANUTS.



Spanish Peanuts.

Peanuts are being more and more recognized as a profitable crop, and they have proven great money-makers where the right varieties are grown in the correct manner. They thrive in a sandy, loamy soil. The best method of planting and harvesting is given by one of our most successful growers as follows: "Prepare the ground well, laying it

off with a shovel plow, in rows 3 1/2 feet apart. Plant either in the hull, 16 to 18 inches apart, or hull them and put two kernels to the hill. Cultivate thoroughly and keep the land as level as possible. When they mature, pull them up, turning the roots to the sun. In Bright weather they will be cured sufficiently in 24 hours. After threshing, or picking the nuts, the vines make excellent hay. Three-fourth bushel of unshelled peanuts will sow one acre.

**Spanish**—The earliest, but the smallest variety grown. The nuts are solid and well filled, yielding large quantities per acre. The best sort for fattening hogs.

Lb. 25 cts., postpaid; by freight or express, lb. 15 cts.; 20 lbs. \$2.00; 50 lbs. \$4.00.

**Virginia Improved**—A very profitable sort, planted almost exclusively in the Peanut-growing section of Virginia. It is the standard variety for roasting. The plants have erect stems with upright foliage and are easily grown. The nuts are of good size and contain remarkably large kernels. The vines furnish excellent forage.

Lb. 25 cts., postpaid; by freight or express, lb. 15 cts., 20 lbs. \$2.85, 50 lbs. \$6.50.

**Tennessee Red**—The finest variety grown, especially adapted to black, waxy land, as well as sandy soil. The nuts contain three large kernels each, and are enormously productive.

Lb. 25 cts., postpaid; by freight or express, lb. 15 cts., 20 lbs. \$2.85, 50 lbs. \$6.50.

### AUSTRALIAN SALT BUSH

The Forage Plant for Arid and Alkali Soils.

A forage plant for alkali soils, and for regions subject to periodic drouth. This is a most wonderful forage plant, as it will grow freely in arid and alkali lands that will produce no other vegetation, yielding a marvelously liberal foliage, which is eagerly eaten by all kinds of stock. It is of creeping habit. From twenty to thirty tons of green fodder have been harvested from an acre, but about three-fourths of this is lost when dried. Plant in the early spring about eight feet apart. One pound will sow an acre.

Lb., \$1.50, postpaid

### WILD RICE

The natural time for sowing is in the fall, although it may be sown in the spring. The seed should first be thoroughly soaked in water, so that it will sink into the desired situation. It may be sown in shallow water, not over three feet deep, and from this depth into the shore. While it will grow in deeper water, it should be allowed to work its own way, the start being in shoal water. A still day should be chosen for sowing, so that it will not drift off into too deep water.

Price, lb., 60c, postpaid.

## Farm Seeds and Forage Crops---Continued

### JERUSALEM CORN

It is pronounced the best and surest grain crop for dry countries and seasons, even better than Kaffir Corn, Dourra and Milo Maize. It grows about five feet high, makes on large heads on main stalk and several smaller heads on side shoots. Have seen as high as eight heads on one plant. The grains are pure white and nearly flat. Three pounds will plant one acre.

By express or freight, lb., 30c; 10 lbs., \$2.25. If by mail add 10c per pound.

### ARTICHOKE

Artichoke, Jerusalem (Roots) — The greatest hog food known, yielding over 1,000 bushels to the acre. It can be grown without a great deal of cultivation and no harvesting is necessary. When roots are full-grown, turn the hogs into the field and they will help themselves by rooting. We can supply the tubers from February until May.

Price, lb., 20c; bu., \$2.00

### TOBACCO

Cultivation of Tobacco is comparatively easy and a warm climate suits it best. The best time for starting the seed is January. Sow in seed beds of rich soil, and as the seed is extremely minute, it is first largely mixed with sand and wood ashes to assist in spreading it thinly. One ounce of seed will sow twenty-five feet square and produce plants for one acre. After the beds have been sown, cover the seed lightly and protect from light frosts. Remove covering as soon as can be done with safety, and the plants will then grow rapidly and are ready for transplanting about the first of June. Wet or foggy weather is the best for transplanting. The plants must be carefully raised from the seed bed and planted in the fields in rows three feet apart and leaving five feet between the rows. The crop needs much careful attention in weeding, and a watchful eye to prevent the ravages of various insect enemies. As soon as the plants begin to throw up the flower-shoot, it is clipped off; otherwise it would weaken the plant.

Connecticut Seed Leaf—Grows to a height of about five feet, with leaves two

and a half to three feet in length and from fifteen to twenty inches broad; one of the best varieties for cigar wrappers.

Pkt., 10c; oz., 60c

Havana—Bearing a fine colored leaf, varying from straw color to dark brown or black. It surpasses all other varieties in flavor for cigars; heavy cropper, fine texture, and the earliest variety to mature and ripen.

American-grown — Pkt., 10c; oz., 30c; lb., \$3.00.

Cuban-grown (Vuelta de Abajo) — Pkt., 10c; oz., 60c; lb., \$6.00.

Sumatra—Pkt., 10c; oz., \$1.00.

### IMPROVED COTTON SEED

The importance of planting seed that will produce an increased yield, largely exceeding cost, is too apparent for comment, and in no other seed have the improvements been greater than in cotton. Growers should use the most improved and prolific varieties. Our stocks come from the most reliable sources, and we commend them to our customers. We sell all varieties listed at uniform price of 1 lb., 20c; 6 lbs., \$1.00, postpaid.

Simpkins' Early Prolific Cotton (Short Staple)—Resembles the King's, but is earlier by ten days, and bolls are larger, and it gives much larger yields both in field and at the gin. The superiority of this cotton over all others consists of its extreme earliness and heavy fruiting; has long limbs, which come out at the ground; has close joints and small seed, and yields 40 per cent lint at the gin.

\$1.75 per bu. of 30 lbs.

Toole Cotton (Short Staple)—Low bush; shapely height; plant close; 87 bolls to 1 pound seed cotton. Can be planted 15 to 18 inches in row and two stalks to hill. Three large limbs near roots parallel with the ground. Magnificently productive. Comes early and holds on fruiting until late. Fine results on poor land. No other cotton so prolific in field or gin.

\$1.75 per bu. of 30 lbs.

Mebane's Early Triumph Big Boll Cotton (Short Staple)—For boll weevil lands. Originated in Texas. Big boll; in fact, an immense boll, 46 bolls making one pound of seed cotton. Earlier than most big boll cottons. About 39 per cent of lint at the

NEVER PLANT A CROP OF ANY KIND OF SEED WITHOUT FIRST TESTING THEM  
FOR GERMINATION.



## Farm Seeds and Forage Crops---Continued

### IMPROVED COTTON SEED—Continued.

gin. Seed fuzzy, medium in size, brownish and greenish-white, with some green seeds, showing its hybrid character. Storm resistant. This variety has been especially satisfactory in regions infested with the boll weevil.

\$1.75 per bu. of 30 lbs.

### THOUSAND-HEADED KALE

Thousand-Headed Kale is a variety of cabbage. The plant attains a height of three to four feet. The stem is covered with leaves, which form small heads. Animals, especially sheep, eat it greedily. It grows well on most any land and is hardy. The seeds may be either drilled or broadcasted. Plant in rows 26 to 30 inches apart, if drilled; thin to 16 to 18 inches. Broadcasting requires  $1\frac{1}{2}$  lbs.

Oz. 10c;  $\frac{1}{4}$ -lb. 25c.; lb., 90c.

### UPLAND AND LOWLAND SEED RICE

These are the only varieties for our Southern soil.

**Genuine Imported Honduras Seed Rice**—Pk., \$1.00; bu., \$2.50; bbl. of 162 pounds, \$6.00.

**Japan Rice**—Pk., \$1.00; bu., \$2.50; bbl., \$6.00. The standard weight of rice is 44 lbs. per bushel.

**Directions for Planting Upland Rice**—On lands that hold moisture well, such as waxy or post oak land, plant anywhere. On dry or sandy land rice is planted in the low places. Prepare the land and cultivate as for corn, except the rows are only 22 to 24 inches apart, so that one furrow in each middle, with an 18-inch sweep, usually suffices for a working, and the hills just far enough so it can be hoed. Plant as early in April as you can. Furrows are opened and the seed covered in any way most convenient at the time, just so the seeds get a little dirt over them. Drop 15 or 20 seeds in each hill and leave all that come up. Cultivate for moisture and to keep down grass and weeds until rice begins to head. It usually ripens last of August or early in September. The color tells when it is ripe. The required quantity of rice to plant one acre, ordinary alluvial soil, is three bushels of 44 pounds to the bushel, or 132 pounds. Some planters have a tendency to plant less, but a good stand cannot be had unless this much is planted.

### CULINARY ROOTS, PLANTS AND HERBS

**Note**—When ordered to be sent by mail, remit, in addition to price: For asparagus roots, 50c per 100; cabbage, cauliflower, sweet potato, tomato plants, pepper and horseradish roots, 5c per dozen, 35c per 100; rhubarb roots, 5c each; eggplants, 15c per dozen; hopvine roots, 2c each; chives, 3c per clump.

**Asparagus, Conover's Colossal**—A mammoth variety of vigorous growth, sending up from fifteen to twenty sprouts each year. One and two-year-old roots, 25c per dozen, \$1.50 per 100; \$6.00 per 1,000.

**Asparagus Palmetto**—Fine two-year-old roots of this best variety, 25c per dozen, \$1.50 per 100, \$10.00 per 1,000.

**Cabbage Plants**—Early Winnigstadt and Premium Flat Dutch. 10c dozen, 50c per 100, \$3.00 per 1,000.

**Cauliflower Plants**—Snowball, the best variety of Cauliflower. 15c dozen, \$1.00 per 100, \$6.00 per 1,000.

**Chives, or Schnittlauch**—For flavoring soups, salads, etc. 15c per clump, \$1.50 per dozen.

**Eggplants**—New York Improved; large, round, purple; 25c. doz.

**Horseradish Sets**—Thrive best in low, damp land. Plant in rows two feet apart, and in the rows eighteen inches apart. 15c per dozen, \$1.00 per 100.

**Rhubarb Roots, New Crimson Winter**—First size, extra large, 25c each, \$2.00 per dozen.

**Sweet Potato Plants**—Yellow and Large White, 50c per 100, \$4.00 per 1,000. Ready in April, May and June.

**Tomato Plants**—15c per dozen, \$1.00 per 100, \$7.00 per 1,000.

**Pepper Plants**—Chili, Large Bell or Bull Nose, Sweet Mountain, etc. 20c per dozen, \$1.25 per 100.

**Klondyke Strawberry**—We have a fine stock of this valuable new variety grown from plants derived direct from the originator. We know them to be the absolutely true and pure Klondyke.

60c per 100, \$5.00 per 1,000.

IN COMPARING PRICES WITH OTHER SEED HOUSES, REMEMBER BOLLWINKLE PAYS THE POSTAGE OR EXPRESS ON GARDEN SEED BY THE PINT, QUART AND POUND.



Annuals grow, bloom and die the first year from seed. Biennials bloom the second year from seed, and then die; though many, if sown early in the spring, will flower the first year. Perennials usually bloom the second year from seed, and continue to grow and bloom for many years; some will also bloom the first year if sown early.

#### REMARKS ON THE CULTIVATION OF FLOWERS.

The most satisfactory way to sow all fine seed is under glass in a greenhouse, hot bed, or in the house. Flowers succeed best in a sandy loam, made rich with well rotted manure.

Make surface as smooth and fine as possible, sow seed in rows, covering each sort of seed in proportion to its size—a good natural rule being to cover twice the diameter of the seed, and press the soil firmly down over it. Do not plant any seed when the ground is wet.

The importance of uniform attention to watering may best be learned by experience and observation, but the inexperienced cultivator may be reminded that to omit a single watering, and allow the young plant germs to remain in a parched state, a too frequent indiscriminate watering usually leads to the eventual loss of the whole. As soon as the plants appear, they will require careful attention, as the least over-watering may cause them to "damp off" and suddenly destroy all your hopes. They should now have as much sun as possible, and when the weather is pleasant some air may be admitted.

Plants are usually ready to be transplanted when they have made a growth of two inches. It is a very common mistake to let them stand so close together as to crowd each other, and thus lose much of their beauty. Give each plant plenty of room, according to its habits of growth.

Flower seeds are often sown out of time than at the proper season, because most everybody thinks of sowing when the same plants are in full bloom, and we can safely assert that more Pansy seed is called for in January and February than in September and October, and more Hyacinths and Narcissus bulbs in February than at the proper planting season. The seeds sown out of time will produce poor plants, and if they bloom at all the flowers will be imperfect and small, which is needless to say.

By setting out the young seedlings, consideration should be taken of the height and combination of colors in order to make a pretty effect.

**Time of Planting**—The following varieties do best sown in September, October and November: Pansy, Daisy, Phlox, Sweet Peas, Hollyhock, Ten Week Stocks, Larkspur, Sweet Alyssum, Candytuft, Aster, Snap Dragon, Pot Marigold, Dusty Miller; Chinese, Japanese and Carnation Pinks, and Sweet Williams. In October: Scaree Flax, Lobelias, Grove Love, Love in the Mist, Evening Primrose, Petunia, Mignonette, Catchfly, Morning Bride, etc.

In February and March sow in sheltered places, or in a cold frame: Balsams, all varieties of *Amaranthus*, Scarlet Sage, Zinnias, African Marigold, *Torenia*, *Browallia*, Cosmos, Sunflower, Ice Plant, Dahlia, *Gaillardia* and *Gomphena*. Verbena may be sown from September to January, and will bloom well.

Plant flowering bulbs from October to February. Hyacinths, Narcissus and Tulips should be planted in November and December, in order to get them to bloom to perfection. Calla Lilies, *Ranunculus* and Anemones planted from October to January will bloom profusely in spring and early summer. Dahlia Roots should be planted out in March and April.





Sweet Alyssium.



Cockscomb.



Comet Aster.



Empress Candytuft.



Quilled Asters.



Bachelor Button or Corn Flower.

# FLOWER SEEDS

## AGERATUM.

As an addition to the flower garden's color forces in blue, the *Ageratum* is a valuable flower. The dwarf sort being particularly desirable for borders, edging, etc., being very compact and erect. Half hardy annual.

## ABUTILON.

(Flowering Maple.)

Desirable plants for the house in winter and effective specimens for the lawn in summer. They will bloom the first year if sown early. Half hardy perennial, 11-2 to 3 feet.

## ADONIS AUTUMNALIS.

(Pheasant's Eye.)

The flowers are very brilliant and foliage delicate; hardy annual; one foot; dark, blood red.

## AQUILECIA.

(Columbine.)

Hardy perennials that bloom freely during spring and early summer. They should be more widely cultivated, as they are perfectly hardy. The varieties *Cerulea* and *Chrysanthea* give splendid results in partially shaded places. Few truly hardy plants grow so easily from seed.

## ALYSSUM SWEET.

**Little Gem**—A favorite little annual because of its fragrance and abundance of bloom. Grows only six inches high, yet one plant will cover a space twelve to twenty inches in diameter and be a mass of the purest white from early summer until frost. One of the finest plants for beds, borders and rockwork. Sow the seed in the open ground very early. After the first flowers fade, cut back and others will come.

## ASTER.

The Queen of Autumn Annuals.

**Semple's Branching Mixed**—This is a superior strain of American-grown Asters, quite different in several respects from any Aster known and by far the most satisfactory. Plants are of branching habit, vigorous growth and profuse in bloom. The

flowers are borne erect on very long stiff stems, are of extraordinary size, being four inches or more in diameter, and very graceful. The twisted and curled petals give them the appearance of large Japanese *Chrysanthemums*. A prime favorite for cut flowers. Blooms a little later than some varieties, thereby escaping the ravages of the Aster beetle. Sow the seed in the open ground in May or start the plants in the house the last of April and transplant into the garden when they have the third or fourth leaf. Succeed best in a deep, rich soil.

Pkt., 10c

(Snapdragon.)

**Giant Flowered Mixed**—A most beautiful new sort, having all the finest colors and markings and a perpetual bloomer. The flowers are of immense size and produced in long spikes one to two feet in length. Undoubtedly one of the best cut flowers which can be readily grown from seed; while for beds or borders they are a constant source of pleasure, being in flower all the time. They succeed best in a rather light soil in a sunny position, and although perennials, are best treated as annuals.

## BALSAM OR LADY SLIPPERS.

(Impatiens Balsamina.)

Balsams are tropical plants, consequently thrive in hot weather if planted in good soil and well watered. They grow off quickly and surely from seed sown in the open during May. If wanted early sow indoors and transplant. This has a tendency to dwarf the plants, making them more satisfactory. They bloom continuously for a long season. Flowers are very large and double. Tender annuals.

## BROWALIA SPECIOSA MAJOR.

The flowers are blue of good size, two inches and more in diameter, blooming continuously. Excellent for bedding or pot plants. Tender annuals. The best pale blue.

## BACHELORS BUTTON.

These grand old-fashioned flowers make magnificent borders and grow to perfection in almost any good garden soil. Hardy annual.

ALL FLOWER SEEDS ARE PUT UP IN 5 AND 10 CENTS PACKETS.





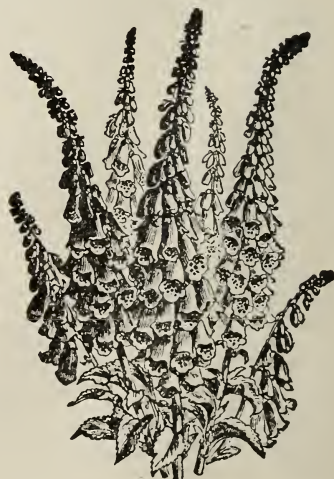
Carnation.

#### IF YOU WISH OTHER PLANTS THAN THOSE LISTED

Write us, giving list of items and special varieties you want, and we will give you prices by return mail on the sizes we can furnish. We carry a large and complete stock of garden and greenhouse plants and can generally furnish anything found in any florist's catalogue. When writing, please bear in mind that the spring season is a short and busy one for us and that we can reply most promptly to those inquiries which are short and which simply list the extra items wanted. It takes time to read letters. Please, therefore, do not mix up your orders with a long letter. A list of the plants only will bring you a prompt reply.



Scabiosa.



Foxglove.

MAKE SUCCESS SURER THIS YEAR BY PLANTING BOLLWINKLE'S RELIABLE SEEDS.

## FLOWER SEEDS—Continued.

## CANDYTUFT.

**New Empress**—Among the most highly prized of summer annuals, considered indispensable for cutting. The heads of bloom are quite large and pure white. Perfectly hardy, grows easily and blooms throughout the season. Looks best in beds and masses. Sow outside where it is to bloom. Height one foot.

## CAMPANULA.

(Hare Bell, Canterbury Bell, Cup and Saucer.)

These grand old flowers are of easiest culture, and one of the most attractive hardy perennials. The variety *Carpatia* being the common Hare Bell, while the variety *Media* is the well known Canterbury Bell. *Calycanthema* is known as the Cup and Saucer. In all varieties the colors are very rich. All are profuse bloomers throughout a long season.

## CALENDULA.

Hardy annuals about one foot high, that produce a wonderful profusion of flowers, ranging in color from ivory to orange. Valuable for beds and borders. Bloom until late fall.

## CALLIOPSIS OR COREOPSIS.

One of the leading plants for the flower garden, making a very showy border plant, producing flowers in nearly every shade of yellow, orange, crimson, red and brown. Sow where they are to remain, and thin to one foot apart.

## CARNATION.

The Carnation has always been one of the most esteemed of the florist's collection. Sow under glass in greenhouse or hot bed, and when of sufficient size transplant one foot apart each way. Half hardy perennial, one and one-half feet.

**Extra Choice Double Mixed**—A large portion of this seed will produce double flowers. Pkt., 20c

**Marguerite**—With ordinary care will be in full bloom in four months after sowing the seed, flowering in profusion until checked by frost. The flowers range through many shades.

## COLEUS.

A beautiful class of well known and popular ornamental foliage plants. The leaves have fringed and scalloped edges. The colors range from bright golden yellow to the darkest maroon and some are nearly black. They are margined, veined and splashed in a variety of styles with white, green, rose, crimson, etc. The *Coleus* is one of the few plants that are always showy from the time the first leaves are formed. Fine for pot culture. Tender perennials.

**Choicest New Hybrids—Mixed.**

Pkt., 15c

## CHRYSANTHEMUMS.

The annual chrysanthemums are distinct from the autumn flowering varieties, blooming all summer and making a gorgeous display in the flower garden and for pot culture.

## COSMOS.

An autumn flowering plant of rapid growth, making large bushes five feet high and as much broad, which are a mass of elegant foliage. From September to November each plant is covered with hundreds of showy blossoms two to four inches in diameter.

## COCKSCOMB.

We prize and plant the Cockscomb as an odd and picturesque decorative feature of the garden. The bright red and crimson varieties are most effective, both in garden and in winter bouquets, for which they are cut before fully ripe and dried in the house. The dwarf varieties make novel and attractive borders; the tall ones form striking groups. Transplanting into rich soil about the time the combs begin to form makes the flower-heads much larger. They are bright from midsummer until frost.

## DAHLIA.

One of the best autumnal flowering plants. If the seed is sown quite early in the spring they will begin blooming in midsummer and continue until cut down by frost. Half-hardy perennial; three to four feet.

**NOTE**—IF SEEDS ARE ORDERED TO GO FORWARD BY EXPRESS, DEDUCT 15c.  
FROM QUART PACKAGE AND 10c. PER POUND ON ALL GARDEN SEEDS.

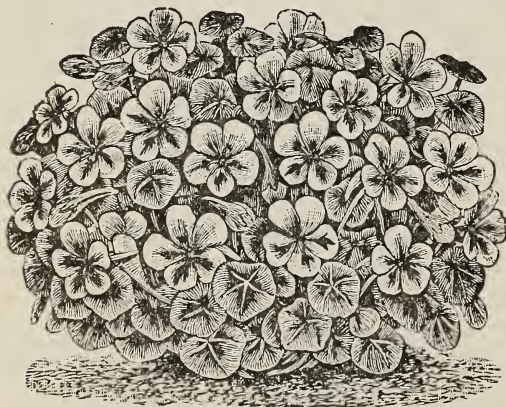




Portulacca.

## BULBS FOR WINTER BLOOMING

We carry in stock usually during October, November, December and January, a choice assortment of Hyacinths, Tulips, Narcissi, Jonquils, Chinese Lilies, Crocus, Easter Lilies, etc. If you wish any of these, write us and we will quote price.



Nasturtium.



Mignonette.

OUR ASSORTMENT OF FLOWER SEEDS, SUITABLE FOR SOUTHERN CLIMATE,  
IS THE BEST THAT CAN BE FOUND.

## FLOWER SEEDS—Continued.

**DOUBLE DAISY.**

A spring-blooming plant. Sow seed early in hot bed or house and transplant to a rich, cool, partially shaded situation; though they do quite well in open sunshine. Hardy perennial; six inches.

**SHASTA DAISY.**

One of the most desirable plants for the hardy garden. The pure white flowers are three to four inches in diameter. Some have long, narrow and twisted petals, while others are broad and flat. They bloom the entire season. Hardy perennial; two to three feet. Pkt., 10c

**FEVERFEW.**

A bushy plant, bearing a profusion of double white daisy like flowers. Hardy annual.

**FORGET-ME-NOT.**

Flourishes in a moist shady situation, and is in constant bloom nearly the whole season. If the seed is sown in autumn it will flower in early spring. Hardy perennial; one-half foot.

**FOUR O'CLOCK.**

A handsome, free-flowering, half-hardy perennial; blooming the first season from seed; the flowers, which are produced in clusters, open in the afternoon and wither the next morning. They can be kept like Dahlias. Our mixture contains a fine variety of colors. Oz., 10c.

**FOXGLOVE.**

One of the most widely known and popular hardy plants. Its ease of cultivation, the mammoth spikes of splendidly colored flowers make them very desirable for use in borders or as backgrounds for lower growing plants. Spikes grow to a height of three to five feet. Hardy biennials.

**GAILLARDIA.**

A showy and useful class of plants, flowering freely from early summer until frost. They are effective when grown in masses, and are particularly adapted for vases, lasting a long time after being cut.

**HELICHRYSUM.**

Large, double, everlasting flowers. Handsome bouquets may be formed of them for winter, if gathered before opening. Hardy annual; 11-2 to 2 feet.

**HOLLYHOCK.**

One of our grandest summer and autumn flowering plants. Sow the seed in June or July in open ground; transplant to three feet apart. Hardy perennials.

**HELIOTROPE.**

Highly valued for the fragrance of their flowers and duration of bloom. Tender perennial; one foot. Easily grown from seed, blooming first summer if sown early.

**ICE PLANT.**

Fine for baskets, rock work and vases. Leaves and stems appear as though covered with ice crystals. Tender trailer; six inches.

**(Summer Cypress.)**

An annual about three feet in height. Throughout the summer it is a lively green, but towards autumn turns to a bright red. It is of rounded form, with very light foliage and stems.

**LARKSPUR.****Perennial Larkspur.**

Formosum—Rich blue and white; three feet.

**LOBELIA.**

A most excellent and useful genus of plants, easy of culture and well adapted for bedding, edging, pots or rockeries. The perennial varieties are useful in the hardy garden. Seed should be covered lightly.

**MIMULUS.**

Handsome flowers of the easiest cultivation; tender perennials; blooming the first year from seed if sown early.

Mimulus Tigrinus (Monkey Flower)—The finest tigered and spotted varieties, rivaling the Calceolaria in its bright colors. Finest mixed.





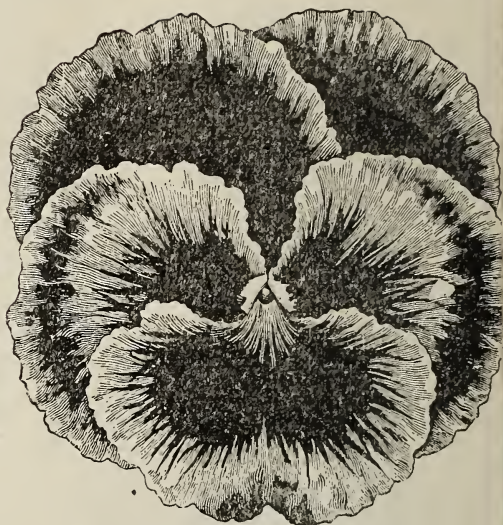
Chinese Pink.



Mixed Petunia.



Mixed Phlox.



Giant Trimardeau Pansy.



Sweet William.



Mixed English Pansy.

## FLOWER SEEDS—Continued.

## MARIGOLD.

Old favorite of easy culture, with various colored beautiful double flowers and fine foliage; very effective for groups and masses. Hardy annuals.

**African Pride of the Garden**—A fine early variety, of regular, compact habit. Color rich, golden yellow; two feet.

## MIGNONETTE.

A delightfully fragrant, hardy annual, blooming the entire season in the flower border; also fine for pot culture during the winter and spring.

## NASTURTIUM.

**Finest Dwarf Mixed**—The improved dwarf varieties are among the most popular flowers for bedding, massing, etc., owing to their compact growth, richness of color and profusion of bloom. They are of the easiest culture, flourishing in almost any soil and location, but put forth the largest number of flowers if planted in rather poor, rocky soil; rich soil has a tendency to make them run to leaf. When planting, scatter the seeds thinly in rows or beds and cover about one and one-half inches deep, pressing the soil down firmly. After they are well up, thin to not less than four inches apart so the plants will have plenty of room in which to grow. Keep the flowers picked so no seed pods can form and you will have continuous bloom until frost.

## SWEET-SCENTED TOBACCO PLANT.

An annual with sweet scented large white star-shaped flowers. If the plants are taken up in the fall, cut back and potted, they will bloom nicely in the house during the winter; 2 to 3 feet.

## PYRETHRUM.

**Roseum Hybridum**—Showy, hardy perennials, blooming the first season if sown early. They grow two feet high. The foliage is fine. The flowers are large and in color white, rose, crimson and scarlet. A fine cut flower.

## CALIFORNIA POPPY.

These beautiful little flowers are California's State flower, hence the name. Produce beautiful effects either as border plants or in masses. Hardy annuals.

## PANSY.

**Giant Trimardeau, Mixed**—The largest flowering of all pansies. To succeed with

pansies, only the best seed should be sown. Have the bed where it will not receive the full heat of the sun; the east and north side of the house is generally a good location. Remember the soil must be loose and rich, and the flowers picked constantly, as the more they are picked the more they will come. Seed sown in the house or hot bed between January and April or in the open ground as soon as the soil can be worked in the spring will give flowers all summer and fall. For early spring blooming and for the largest and finest flowers, sow between July and September and protect during the winter.

## POPPY.

**Paeony Flowered, Mixed**—Large double, showy flowers almost equal to Paeonies. Poppies are of quick growth and produce a wealth of the most gorgeous blooms. Seed should be sown early where they are to bloom and covered lightly; thin to six inches apart. Do well in any good garden soil.

## PHLOX.

**Drummondii Grandiflora**—Flowers nearly twice as large as the ordinary Phlox. Drummondii, while the colors are richer and brighter. For a splendid mass of color and constant display Phlox is not excelled by any other annual. It has every desirable quality for this purpose; and for beds, borders and massing it is unsurpassed. The colors range from purest white to deepest crimson. Sown outside they bloom very soon after planting and until frost. For early bloom, seed may be sown inside and transplanted. In either case they make a most showy bed of brilliant flowers the whole summer. Height one to one and one-half feet.

## PETUNIA.

**Giants of California**—The largest flowering and richest colored variety in cultivation. Single flowers often measure over five inches in diameter, are exquisitely ruffled and fringed on the edges and beautifully veined in the deep throat. Their great variety of colors, markings and veinings distinguishes them from all others. Petunias succeed finely anywhere and give a constant supply of the richest and most brilliant flowers from early summer until frost. The seed is best started in the house and the young plants transplanted into the garden, but if the soil is made very fine, seed can be sown in open ground and covered lightly.

Pkt., 10c





Double Zinnia.



Cobia.



Mixed Verbena.



Japanese Morning Glory.

## FLOWER SEEDS—Continued.

## PORTULACCA.

**Double Mixed**—There are scarcely any flowers in cultivation which make such a dazzling display of beauty as a bed of many-hued portulaccas. Blooms from July until frost. Very desirable for beds, borders, rock work and ribbon beds and especially adapted for sunny situations and light sandy soils. Sow in the garden as soon as it becomes warm and after the plants appear, withhold water. Stands any amount of hot, dry weather, and can be easily transplanted when in full bloom. The flowers of the double variety resemble small roses. More than half of the plants will produce double flowers; the rest can be pulled out as soon as they bloom.

## SALVIA.

This very popular plant is a tender perennial, but should be treated as an annual. Its beautiful flaming spikes of blossoms will add more to a border than any other plant, and where a brilliant scarlet is wanted it is unsurpassed.

## SWEET WILLIAM.

There is perhaps no flower more favorably known than the Sweet William. Hardly any garden is considered complete without its planting of Sweet Williams. They are easily grown from seed and produce a wonderful array of color. Perfectly hardy.

## SALPIGLOSSIS.

The colors are marbled and penciled purple, scarlet, crimson, yellow, buff, blue and almost black. Many of the flowers have the appearance of being sprinkled with gold dust. Bloom from August to October. Half-hardy annual; two feet.

## SCABIOSA.

**Large Flowering Double Mixed**—This is one of our best bouquet flowers. The rich velvety blossoms are borne on long, graceful stems well above the foliage and after being cut keep in perfect condition for the greater part of a week. They are almost

as durable as everlastings. The range of color is most remarkable, shading from pure white to rich pink, crimson to deep red, and from lilac to almost black. They are of the easiest culture. Plants grow two and one-half feet high and come into bloom early in July, continuing without interruption until the late frosts of autumn. Make most effective beds and borders, and where many cut flowers are wanted are almost indispensable.

## STOCKS—LARGE FLOWERING.

The flowers appear on long, stiff stalks like small rosettes, are exceedingly fragrant and range through a most complete scale of all the soft and distinct shades.

## VERBENA.

**Mammoth Mixed**—The verbena of today is one of the most satisfactory plants that anyone can cultivate, and a bed of the bright, waving heads of bloom will make a picture that once seen is rarely forgotten. Single flowers of this Mammoth strain are of unusual size, while the clusters of bloom are magnificent and the range of color more vivid than in any other mixture. They are also deliciously fragrant. Although perennials, they bloom perfectly well the first season from seed and are more vigorous than if started from cuttings. For early spring bloom, sow quite early in boxes in the house and transplant to the open ground when it is warm.

## ZINNIA.

The flowers are so easily grown from seed sown in open ground, or bloom so abundantly and continuously as this hardy annual. Marvelous improvements have been wrought in the newer strains. During the month of August Zinnias are incomparably bright. We recommend them for groups, beds, borders and summer hedges. Sow seed in the open ground early in spring. Height, 1 1-2 to 2 feet.



## FLOWER SEEDS—Continued.



Sweet Peas.

**SWEET PEAS.**

To succeed best they should be sown as soon as the ground can be worked in the spring. Good soil thoroughly mixed with well rotted manure dug to a depth of one foot or more will give splendid results; when well up give brush or strings to support them. May also be sown late in fall about middle of November and will bloom earlier. They commence to bloom early, and if the flowers are picked as soon as they fade will continue all summer.

**NEW "SPENCER" SWEET PEAS.**

These wonderful new frilled and wavy flowers are a distinct race of enormous flowered sweet peas. In every way surpassing the old "Grandiflora" type, producing enormous frilled blossoms on very long stems.

**Apple Blossom Spencer**—An exact reproduction of Apple Blossom and having the splendid wavy blossoms of the Spencer type. Pkt., 10c

**White Spencer**—The best white sweet pea so far offered. It has a very large fluted and crinkly standard. Flowers borne three or four on long stems. Pkt., 10c

**Asta Ohn Spencer**—A splendid lavender Spencer. Enormous frilled flowers upon stiff stems. Pkt., 10c

**Captain of the Blues**—A true blue Spencer; very large. Pkt., 10c

**Aurora Spencer**—Flowers striped and mottled with orange salmon upon a background of creamy white. Pkt., 10c

**Etta Dyke**—A magnificent white Spencer. Pkt., 10c

**Evelyn Hemus**—Cream colored; a splendid flower. Pkt., 10c

**Florence Morse**—A dark pink flowered Spencer. Pkt., 10c

**Geo. Herbert Spencer**—A new Spencer; bright rosy carmine in color. Pkt., 10c

**George Stark**—A magnificent scarlet Spencer. Pkt., 10c

**Helen Lewis**—A true orange Spencer. Pkt., 10c

**King Edward VII Spencer**—The grand carmine, scarlet flowered Spencer. Flowers are deeply frilled. Pkt., 10c

**Masterpiece**—Lavender; one of the finest. Pkt., 10c

**Mixed Spencer Peas**—Oz. 30c., ¼ lb., \$1; 1 lb., \$3.00.

**Mammoth Flowered Sweet Peas**

Price—Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; 1 lb., \$1.10.

**CUPID OR DWARF SWEET PEAS.**

These grow only about six to eight inches high, with flower stems about six inches long, which bear three and four blossoms each; of delicious fragrance.

**Cupid Mixed**—A fine mixture. Oz., 10c; pkt., 5c

# CLIMBING PLANTS

**Moonflower**—One of the most showy of the annual climbers. A rapid growing vine, easily reaching a height of 25 to 30 feet. At night and during dull days the plants are covered with large, pure white, fragrant flowers, five to six inches in diameter.

## MORNING GLORIES.

**Japanese Giant**—A class of climbers making a growth of 20 to 30 feet quite early in the season. Their large flowers are striped, spotted and margined in all shades from white to the deepest red, blue and purple. Many are fluted and fringed. Sow the seeds early in a warm, sunny place. Choice mixed.

## GOURDS.

A tribe of climbers with curiously shaped fruit in various colors. Being of rapid growth they are fine to cover old fences, trellises, stumps, etc. Do not plant the seed till the danger of frost is over. Tender annual climbers; 10 to 20 feet.

## CYPRESS VINE.

A climber, with delicate dark green feathery foliage and abundance of bright star-shaped rose, scarlet and white blossoms. Tender annual; 15 feet. Mixed.

## ROSA MONTANA.

One of the finest perennial climbers of rapid growth, with long racemes of beautiful deep pink flowers. Being a native of Mexico, it is well adapted to our climate and will stand our most severe winters without any further protection than perhaps a slight covering of moss or straw. Sow in February or March in flower pots

**Ornamental Gourd**—Mixed varieties or Ornamental Gourds of different shapes and sizes. February till May.

**Dulcis**—Sweet Gourd. A strong-growing vine of which the young fruits are used like squashes. February till May.

**Cobaea Scandens**—Climbing Cobaea. Large purple, bell-shaped flowers. Should be sown in hot-bed and not kept too moist. Place the seed edgewise in the ground. Twenty feet high. January till April.

## BALSAM APPLE.

An annual climber, with yellow blossoms and beautiful foliage. The fruit when ripe bursts suddenly open, scattering its seed, and showing a brilliant carmine interior. Fine for trellises, fences, stumps, etc.; half-hardy annual; 10 feet.

## HYACINTH BEAN.

A rapid growing annual climber, about 10 feet high. They bloom freely in clusters, which are followed by ornamental seed pods. Sow seed in April or May. White and purple, mixed.

**Dish Rag Vine**.—A very rapid-growing vine of the Gourd family. When the fruit is dry the fibrous substance which covers the seeds can be used as a rag. February till April.

**Mina Lobata**—A showy plant, from Mexico of the well-known Ipomaea family, with beautiful spikes or racemes of yellowish white flowers.

**Nasturtium**—Trailing plants with elegant flowers of different shades, mostly yellow and crimson, which are produced in great abundance. Four feet high. February till April.

**Thunbergia**.—Mixed Thunbergia. Very ornamental vines, with yellow and white bell-shaped flowers with dark eye. Six feet high. February till May.

**Japanese Hop**—This vigorous growing, hardy annual is of easy culture and indispensable for covering porches and trellises. Seeds itself after the first season. Pkt., 10c.

**Canary Bird Flower**—This is also an excellent climber; foliage is a very pretty green and the flowers at times much resemble a yellow canary bird. Annual. Pkt., 10c.



# PLANTS FOR THE HOUSE AND GARDEN.

In the following pages we submit a list of such plants as are most desirable for the Southern homes and gardens. Being Southern growers, we know which varieties are best adapted to our climate and soil conditions. We spare no trouble to secure best stock only, adding to our assortment from time to time such new varieties which our tests have proven to be valuable for Southern planters.

## CROTONS.

Fine bedding plants, with richly colored foliage. They thrive well in our State, and make dazzling, brilliant beds in sunny situations. The following new sorts are very attractively marked with bright colors:

25c and 50c. each.

*Areca Lutescens*—Bright, glossy green foliage and rich, golden yellow stems. One of the most beautiful species in cultivation.

50c, \$1, \$1.50, \$2.50 and \$5.00.

## FERNS, HANGING BASKETS AND FERN BALLS

Shade, moisture and good drainage are essential in the successful growing of Ferns, etc.

*Adiantum Cuneatum* (Maiden Hair Fern). One of the most beautiful of all Maiden Hair Ferns; the most popular and most generally grown by florists for decoration; 4-inch pot, 50 cents; 5-inch pot, 75 cents; 6-inch pot, \$1.00.

*Alsophila Australis* (Fern Tree). A very rapid growing tree fern suitable for larger ferneries. The plant in a fully developed state is a magnificent thing. It attains a spread of several feet; the fronds are very broad and long, lace-like in appearance, and are admired by everyone. Price, 4-inch pots, 75 cents; 5-inch, \$1.00; 6-inch, \$1.50; 7- and 8-inch, \$2.00 to \$3.00.

*Asparagus Plumosus*—The most valuable decorative plant grown. Its fine feathery foliage, which grows in great length and has a deep green color, is used in all the best decorations and floral work; is easily grown and thrives best in partial shade; 3-inch pots, 15 cents each; \$1.50 per dozen; 4-inch pots, 25 cents each; \$2.50 per dozen; 5-inch pots, 35 cents each; \$3.50 per dozen; 6-inch pots, 50 cents each; \$5.00 per dozen.

*Sprengeri* (Natal) — A most desirable new species, especially useful to grow as a pot plant, or for decorative purposes, or for planting in hanging baskets. Flowers white, followed by red berries. The fronds are frequently four feet long; are of a rich shade of green, and most useful for cutting, retaining their freshness after being cut for

## CALLA LILIES.

Favorite house plants of easy culture. Clean the large, glossy leaves occasionally and water the plants frequently during the growing season, and they will reward your care by producing lovely flowers as illustrated. Best California strain. Large plants, from 5 and 6-inch pots, 50c. to \$1.00.

## DRACENA TERMINALIS.

A superb species, with rich crimson foliage, marked with carmine, pink and creamy white.

50c, 75c and \$1.00 each.

## LANTANA.

Splendid bedding plants which stand our hot, dry summers to perfection. Continuous bloomers. Standard sorts, 10c each; \$1.00 per dozen.

## PLUMBAGO.

10 cts. each, \$1.00 per dozen.

*Capensis*—One of the finest, free-flowering plants, particularly adapted for growing in the South. Blooms best in open, sunny situation. Light blue.

weeks. It makes an excellent house plant, as it withstands a dry atmosphere. As a hardy fern in hanging baskets, this magnificent plant cannot be excelled. Prices for pot plants, same as *Asparagus Plumosus* (see above).

*Cryptodium Falcatum* (Aspidium, the Holly Fern)—So called because of its bright, glossy green foliage resembling Holly, 4- and 5-inch pots, 35 cents to 50 cents.

*Nephrolepis Exaltata* (The true sword fern)—In well grown specimens, the fronds attain a length of 6 to 7 feet, but only one to three inches wide, and, like plumes, arching over in every direction in a most graceful manner; 5-inch pots, 50 cents; 6-inch pots, 75 cents.

*Bostoniensis* (Known as the Boston Fern)—This is decidedly the favorite for growing in hanging baskets, wall pockets and jardinières. Is one of the very few plants that will thrive under ordinary house care. Its long, broad, arching fronds show to grand effect. In 4-inch pots, 50 cents; 5-inch pots, 75 cents; 6-inch pots, \$1.00.

*Piersoni*—This beautiful fern originated from the Boston Fern, but has a much more fluffy leaf; is one of the finest for decorative purposes. In 4-inch pots, 50 cents; 5-inch pots, 75 cents; 6-inch pots, \$1.00.

*Whitmani*—Commonly known as the Ostrich Plume Fern, because of its heavy, plume-like leaves. Very graceful and looks as if two or three leaves were condensed in one; a beautiful plant for house culture. In 5-inch pots, 75 cents; 6-inch pots, \$1.00.

We have a choice collection of small ferns which can be used in Fern Dishes for the center of tables, etc.; 15 cents each, \$1.25 per



Boston Fern.  
See Page 78.



Kentia Palm.  
See Page 80.



Roses.  
See Page 84.



Chrysanthemums.  
See Page 85.



## PLANTS FOR THE HOME AND GARDEN—Continued.

## FERNS, HANGING BASKETS AND FERN BALLS—Continued.

dozen. Our stock of hardy ferns for outdoor planting includes all the finest varieties for bedding purposes and rockeries; 4-inch pot plants, 35 cents each; \$3.50 per dozen.

## HANGING BASKETS.

There is nothing so attractive on a porch or arbor as a few nice baskets with growing plants. They add to the beauty and value of the home, and break the stiff appearing effect. We can supply 10- and 12-inch baskets, either filled with Boston Ferns or Asparagus Sprengeri at \$1.50 and \$2.00 each.

## PALMS

**Kentia Balmoreana**—This is the most valuable palm for house culture, being very graceful with dark green pinnate leaves. It grows well, without any extra care, and without a doubt is the best palm to grow in pots. We have a large assortment of sizes: 4-inch pots, 75 cents and \$1.00; 5-inch pots, \$1.50 to \$2.50; 6-inch pots, \$3.50 to \$6.00.

**Cocos Australis** (Brazilian Palm)—This palm has no rival, being of rare beauty and very ornamental; long graceful leaves of bluish green color; a pride to any garden; 3 to 4 feet high in butter tubs, \$3.50 each.

**Washington Robusta**—The most ornamental palm for street and group planting; exceptionally adapted to our warm southern climate. A favorite in all southern places. It has a very thin stem of dark reddish brown color, while the large fan leaves are a deep glossy green. This palm grows to a height of 75 to 100 feet. In 5-inch pots, 25 cents and 35 cents; 6-inch pots, 50 cents to 75 cents; 2 to 3 feet, \$1.50 each; 3 to 5 feet, in butter tubs, \$2.50 to \$3.50 each.

**Phoenix Canariensis**—One of the most beautiful palms for planting on lawns and in parks. The most graceful and handsome of our hardy palms; leaves pinnate and of a very dark green color. Besides being an outdoor palm, it does fine in the house and on porches where it gets good light. They make a beautiful decorative plant when grown in a pot; 8 inches high, 50 cents; 12 to 18 inches, 75 cents and \$1.00; 2 to 3 feet, balled, \$2.00 to \$2.50; 3 to 4 feet, \$3.00 to \$3.50; 4 to 6 feet, \$4.00 to \$5.00; 6 to 8 feet, (fine, large, well-established plants), \$6.00 to \$8.00 each.

**Reclinata**—"Dwarf Date Palm" (12 to 20 feet)—A graceful palm with drooping leaves and slender stem, but not as hardy as some of the others. Plants 3 feet high, \$3.00 each.

**Chamaerops Excelsa** (Hardy Fan Palm)—Commonly known as Japanese Fan Palm; very beautiful and especially attractive for

its odd, hairy trunk. One of the best street palms and largely planted for that purpose, 25 cents, 35 cents and 50 cents each; 8-inch pots, 12 inches high (fine decorative plants), \$1.00 to \$1.50 each; specimen plants, \$8.50 to \$10.00 each.

## ARAUCARIA EXCELSA.

**Norfolk Island Pine**—As a decorative plant for the house, it is the handsomest and easiest grown. It has deep green feathery foliage, arranged in whorls, rising one above the other in tiers at regular distances. Its symmetry of form, grace and beauty of foliage are unequaled in the vegetable kingdom.

Price, \$1.00 each; 12 to 14 inches, \$1.50; 15 to 16 inches, \$2.00; 18 to 20 inches, \$3.00. Prices for larger sizes on application.

## GERANIUMS

15 cents each.

**Beaute Poitevine**—Semi-double, salmon pink, shaded deep orange; immense size.

**Countesse D'Harcourt**—Double white flowers, large trusses. Profuse bloomer.

**Clyde**—Single scarlet, immense size and grand bedder.

**E. H. Trego**—Dazzling scarlet, exquisite velvety finish. Large semi-double.

**Jean Viand**—New rosy pink, white eye, semi-double.

**L'Aube**—Enormous trusses single, pure white.

**Mad. Bruant**—Single, white, penciled rose and edged crimson lake.

**Mme. Jaulin**—Center of bloom fine peach-pink; wide white margin.

**Mrs. E. G. Hill**—Fine, extra large trusses of exquisite bright salmon, white center.

**S. A. Nutt**—Very best double dark crimson, scarlet bedders.

## IVY GERANIUMS.

We have a fine collection of these beautiful plants of such varieties as the following: August Hardy, Beauty of Castle Hill, Galilee, Garden's Glory, Incomparable, La Fondre, Mrs. J. G. Day, P. Crozy, Happy Thought, Golden Bedder, Mrs. Pollock.

Price, 20c. each.

## JASMINUM.

**Grand Duke**—Large, double, fragrant, white flowers. 25c.

**Night-Blooming**—Opens its fragrant blossoms at night only. 25c.

**Maid of Orleans**—New variety with shining pale green foliage and good-sized, double flowers. Blooms profusely all summer. 25c each.

**Cape Jasmine**—25c each.

## PLANTS FOR THE HOME AND GARDEN—Continued.

## ANNUALS FOR FALL AND WINTER PLANTING.

- Asters, German Quilled—50c per dozen; \$3.00 per 100.  
 Alyssum, Sweet—40c. per dozen, \$2.00 per 100.  
 Carnations, Marguerite—50c per dozen, \$3.50 per 100.  
 Chinese Pink—40c. per dozen, \$2.50 per 100.  
 Calendula, Pot Marigold—40c. per dozen, \$2.50 per 100.  
 Cineraria, Maritima, "Dusty Miller"—50c per dozen, \$2.50 per 100.  
 Candytuft—Purple and White; 40c per dozen, \$2.00 per 100.  
 Double Daisies—50c. per dozen, \$3.00 per 100.  
 Pyrethrum, Aurea—Golden Feather; 50c. per dozen, \$2.50 per 100.  
 Petunias—Mixed; 50c per dozen, \$3.00 per 100.  
 Phlox—Mixed; 40c. per dozen; \$2.50 per 100.  
 Pansies—Trimardeau and Finest German mixed; 40c. per dozen, \$3.00 per 100.

## ANNUALS FOR SPRING PLANTING.

- Amaranthus—Assorted varieties; 40c. per dozen, \$2.50 per 100.  
 Ageratum—Mexicanum; 40c. per dozen, \$2.50 per 100.  
 Cosmos—Mixed colors; 50c. per dozen, \$3.00 per 100.  
 Cockscomb—Mixed colors; 40c. per dozen; \$2.50 per 100.  
 Zinnias—Mixed colors; 40c. per dozen; \$2.50 per 100.

## ALTERNANTHERA.

- Admirably adapted for edging flower beds. Plants grow about 6 inches high.  
 Aurea Nana—Holds its brightly golden yellow color well the entire season; 5 cents each; 50c. per dozen; \$3.50 per 100.  
 Amoena Spectabilis—Crimson, pink and brown; the brightest and best; 5c. each; 50c. per dozen; \$3.50 per 100.

## CALADIUM ESCULENTUM.

## (Elephant's Ear.)

A beautiful plant with very large foliage of thick, leathery substance; suitable for culture in large pots or tubs and also for lawns. When of full size it stands about 5 feet high, with immense leaves, often measuring four feet in length by two and a half in breadth. Smooth and of bright green color variegated with dark green. Price, 15c. each.

## ARBORVITAE.

## (Thuya.)

Thuya Occidentalis (American Arborvitae)—An ornamental evergreen tree or shrub of thick growing habit and especially valuable for hedges.

In 8-inch pots, 3 to 4 feet high, 35c to 50c.

## DAHLIA.

Produce an abundance of lovely flowers during late summer and early fall. One of the foremost exhibition flowers. Strong bulbs or tubers in assorted colors, 25c. each; \$2.50 per dozen. Add 5c. each for postage, if wanted by mail.

## GLADIOLUS.

Superb flowers, embracing a wide range of colors, from delicate shades of pink and primrose to deepest crimson and maroon; also striped and variegated. For a continuous effect the bulbs may be set out at intervals of several weeks apart. When cut and placed in a vase of water, the blossoms may be kept a long time. Best mixture, including all colors and shades, striped and variegated.

By mail, postpaid, each 5c; 3 for 10c, 40c per dozen.

## OLEANDERS.

Nothing nicer for porch or lawn decoration. Give good rich soil and plenty of moisture during growing season. Double pink, 25c. to \$1; double white, 25c. to \$1.

## TUBEROSES.

Delightfully fragrant; fine for bouquets. Give plenty of water. Plant same in fall or spring. Doz., 50c, postpaid; 100, \$2.00

## CANNAS.

Gorgeous and effective bedding plants. They grow well in any soil, but respond quickly to liberal treatment. In groups or as backgrounds for smaller plants they present a brilliant and continuous display till frost. By express, 10c each; \$1.00 per dozen

## VIOLETS.

California—One of the finest single varieties. Color a deep violet blue, quite fragrant and free blooming. Foliage large and very clean. Price, 10c. each; 75c. per dozen.

Mexican—One of the best and hardiest for our climate. Produces more flowers than any other variety and which are very fragrant. Price, 5c. each; 25c. per dozen.

## HELIOTROPE.

Excellent plants for bedding or house culture, highly value for their exquisite fragrance. They are easily grown and bloom freely during summer and fall. Price, 15c. and 25c. each.

## CHRISTMAS PEPPER.

Surprisingly pretty house plant. Makes a round compact bush twelve to fifteen inches in height with dark olive green leaves and covered with curious little heart-shaped fruit of various bright colors—purple, white, yellow, orange and red on the same bush. Price, 25c. and 50c. each.

## COLEUS.

We have nothing in the line of bedding plants that can ever take the place of Co-



## PLANTS FOR THE HOME AND GARDEN—Continued.

leus. There are many of the bright and fancy-leaved kinds that are handsomely marked and this year we offer an unusually large and choice selection of varieties. Beautiful effects may be made by using in solid clumps or as edge to Cana beds, etc. Price, 10c. each.

## BEGONIAS.

## Best for House Culture.

Prices of any of the following, except noted: Each, 15c;

**Argentea Guttata**—A handsome foliage variety. Purple bronze leaves, oblong in shape, with silvery markings; white flowers.

**Sandersonii**—Bushy growing variety with glossy deep green leaves. Blooms in clusters of drooping scarlet, heart-shaped flowers.

**Metallica**—Thick panicles of pink buds and white flowers against large red-veined leaves of glistening bronze green.

**Begonia Gloire de Lorraine**—The finest winter flowering variety. A grand specimen completely covered with soft pink flowers from October to April.

Each, 25c; 5 for \$1.00

**Rubra**—Dark glossy green leaves. Free flowering. For house or conservatory. Flowers a rich coral-red, in large pendant panicles.

**Alba Picta**—Leaves green, spotted with white. Flowers white in clusters.

**Pres. Carnot**—Flowers coral red.

**Diadema**—A variety with large, deeply cut foliage; rich olive green with silvery dots and veins.

**Incarната**—Dark green leaves, spotted white. Flowers snowy white.

**Manicata Aurea**—One of the finest ornamental foliage plants for the house; large glossy leaves, blotched with creamy white and with carmine etching on the more mature leaves.

## CAMELIA JAPONICA.

Among the most beautiful winter flowering evergreen shrubs, handsome shining, dark green leaves, and magnificent, wax-like flowers of the following colors: Red, white, pink and variegated. This plant is hardy, does well in the house or conservatory and outdoors, but should be planted in a shady location.

Plants 2 to 3 feet, \$1.00 to \$1.50

## POINSETTA PULCHERRIMA.

The well-known Flor de Pascua, the "Christmas Flower" of Mexico; unsurpassed for the splendor of its brilliant scarlet flower bracts; a universal favorite; grows to a large size.

Six-inch 50c.; large plants, 3 feet to 5 feet, \$1.00 to \$1.25.

## HYDRANGEAS.

**Paniculata Grandiflora**—The well-known Hydrangea Flowers are borne in dense panicles, pure white when opening, but later of

a purplish rose color. Excellent for massing or single specimens on lawns.

**Otaska**—The flowers are pink and are borne in immense heads, making a very beautiful effect. Easy to grow.

**Hydrangea, Thomas Hogg**—Pure white flowers. Price, 50c. each.

## SHRUBS

**Crape Myrtle**—A handsome, deciduous shrub that produces an abundance of very showy flowers. In three colors; pink, crimson and white. In pots, 50 cents each; larger plants, 75 cents to \$1.00 each.

**Lemon Verbena (Aloysia Citriodora)**—Well-known fragrant lemon-scented shrub. In pots 8 inches to 12 inches high. 25 cents

**Spiraea Anthony Waters**—Crimson Spiraea, a valuable addition to our list of shrubs, strong grower, free bloomer, not only during the summer, but also during the fall. In every way a grand Spiraea. 75 cents and \$1.00.

**Virburnum Opulus Var. Sterilis (Snowball, or Guelder Rose)**—A favorite shrub with clusters of pure white flowers.

35c and 50c each

**Reevesiana (Bridal Wreath)**—A well-known favorite shrub, producing immense quantities of white flowers. 25c to 50c each

**Ficus Elastica (Rubber Tree)**—The true Rubber Tree from India. A fine, ornamental tree for lawn, with long, glossy green leaves; and also much used as a decorative plant. 25c, 50c, 75c and \$1.00 each

**Amoor River Privet**—Makes a magnificent hedge. It is a very quick and compact grower. It has a beautiful light green color, and retains its foliage through the winter.

18 to 24 inches, \$3.50 per 100, \$30.00 per 1,000; 2 to 3 feet, \$4.00 per 100, \$35.00 per 1,000.

**Forsythia Viridissima**—Golden Bells.

Price, 75c. and \$1.25 each.

**Hypericum Mooserianum**—St. John's Wort. Price, 75c. and \$1.00.

**Inga Pulcherima or Scarlet Acacia**—

Price, \$1.50 and \$2.00.

**Ligustrum Nepalense**—Splendid for lawns and parks. They can be trimmed in any shape or form. Price, each \$1.50.

**Laurus Caraliniensis**—Lauri Mundi.

Price, \$1.00 and \$1.50.

**Magnolia Fuscata**—

Price 50c., 75c., \$1.00 and \$1.50 each.

**Pitosporum Sinensis**—Price, \$1.00 to \$5.00.

**Pitosporum Tabira**—Price, \$1.00 to \$5.00.

## FANCY LEAVED CALADIUMS.

Among ornamental foliage plants there are none more beautiful in design or gorgeous in coloring than the Fancy Leaved Caladiums. They are simply wonderful in the colorings and markings of the leaves, embracing every degree and shade that can

## PLANTS FOR HOUSE AND GARDEN—Continued.

be formed of pure white, deep green and intense crimson. Splendid for lawns and bedding; also, for window culture.

Price, 25c. each; \$2.50 per dozen.

## AZALEAS INDICA.

**Chinese Azaleas**—No plant has increased in popularity during recent years with such amazing rapidity as the Chinese Azaleas. The ease with which they can be grown, their diversity of color and freedom of flowering will always keep them in public favor. Beautiful plants for window and house decoration. Plants we offer are all healthy and well budded.

Price, 10-inch crowns, \$1.50 each; 14-inch crowns, \$2.00; 20-inch crowns, \$3.00.

## HIBISCUS.

Splendid plants 3 to 4 feet in height, which bloom throughout the summer and early fall. They stand our hot, dry summer to perfection. 15c. each; \$1.50 per dozen.

**Peachblow**—Very free-blooming, either as a house plant out in the garden. Large, double flowers, 4 to 5 inches in diameter; color a rich, clear pink, with small, deep crimson center. Even small plants bloom very freely.

## BANANA.

This plant is very decorative if planted in large pots or tubs of rich soil; they are also very valuable for open ground culture in the center of foliage beds, also on lawns. They grow from 6 to 10 feet in one season, with leaves five to six feet in length. Require plenty of water during summer in case of drought. Price, 50c. to \$1.00 each.

**Citrus Trifolata**—Hardy Japanese Lemon. Valuable for a defensive hedge as well as for ornament. It is a most rapid grower and forms a thick, heavy hedge in 3 years from planting. The stock can be used for budding sweet oranges, mandarins, etc., as it is very hardy.

Price, 10c. and 20c. each; \$4 per 100.

Write for prices on large quantities.

## SHADE TREES.

**Acer Negundo**.—Box Elder. Price \$3 each.

**Catalpa Speciosa**—This is one of the finest trees for shade and ornament. The leaves are large, heart shaped, beautifully ribbed, never subject to the attacks of insects and at all times clean, vigorous and beautiful.

Price \$1.50 to \$2.00 each.

**Liriodendron Tulipifera**—Tulip Tree. A magnificent tree of rapid, tall and pyramidal growth.

Price \$1.50 to \$2.00 each.

**Ligustrum Japonicum**—Chinese Privet.

Price, \$1.00 to \$5.00 each.

**Magnolia Grandiflora**—Too well known for description. Price, \$1.00 to \$6.00 each.

**Live Oak**.—\$1, \$1.50 and \$2 each.

**Pin Oak**.—Price \$1, \$1.50 and \$2 each.

**White Oak**.—Price \$1, \$1.50 and \$2 each.

**Laurel Oak**.—Price \$1, \$1.50 and \$2 each.

**Platanus Orientalis**.—Sycamore Tree. Price \$1 to \$2 each.

## CLIMBING VINES

**Boston Ivy or Virginia Creeper** (*Ampelopsis veitchii*)—Rapid growing, deciduous vine. Handsome green foliage, assuming charming sun-tints in the fall. Perfectly hardy and the most popular of all vines. 15 cents each; \$1.50 per dozen.

**Wistaria, Chinese, Blue** (*Wistaria Sinensis*)—A flowering vine of extremely vigorous growth which attains a great height if given support. The beautiful flowers of soft, dainty lavender blue color are produced in pendulous racemes a foot or more long, in May, before the leaves expand. They are produced in such great numbers as to form a bank of bloom. 25 cents each; \$2.50 per dozen.

**English or Irish Ivy** (*Hedera Hibernica*)—This well-known favorite is useful for covering walls and in rock gardening. Owing to its handsome, evergreen, glossy foliage, it is much used for covering graves, particularly in shaded situations, where grass will not grow. Field-grown plants. 15 cents each; \$1.50 per dozen.

## HONEYSUCKLES.

**Hall's Japan or Hallena**—White and creamy yellow; fragrant; bloom the whole season. Almost evergreen.

**Monthly Fragrant**—Red and yellow; very fragrant. Bloom all summer.

**Scarlet Trumpet**—Red flowers; bloom freely; rapid grower.

Price of Honeysuckles, 15c each

**Jackmanii**—The flowers are large, intense rich velvety violet purple and are produced in such masses as to form a cloud of bloom.

## BEGONIAS—REX VARIETIES.

With Beautiful Foliage.

A collection of house plants without some Rex Begonias would certainly be incomplete. Every one admires their thick, leathery, brilliant leaves. Our assortment is superb. 50c each

## CLEMATIS.

Price of Clematis—20c each; 3 for 50c. Three-year-old strong plants, 40c each; 3 for \$1.00.

**Clematis Paniculata** (Japanese Virgin's Bower)—One of the finest climbers; clouds of small, fragrant flowers; blooms in August and September. The most elegant sight and pleases all.

**Ramona**—Lavender-blue, flowers large, often 9 inches across. Most beautiful of its color known.

**Duchess of Edinburg**—One of the best double whites, of vigorous habit, very free of bloom and deliciously fragrant.

**Henryii**—A vigorous grower and a free bloomer, producing its large pure white flowers constantly during summer and early autumn. The best large flowered white variety.



# OUR ROSE BUSH DEPARTMENT

(Large, two-year, hardy, field-grown bushes.)

Collection of one dozen best roses (your selection), \$2.50. We to substitute if any kind is sold out.

## RED ROSES.

**Meteor**—Vivid, glowing crimson, with a texture of velvet. A truly magnificent rose and a free and constant bloomer. 25c.

**Gen. Jacqueminot (Gen. Jacmeno)**—A magnificent crimson rose, turning to scarlet; very fragrant. 25c.

**Etoile de France (A twal duh France, Star of France)**—Clear red, velvety, crimson. Considered by experts to be the handsomest rose in the world. The Gold Medal rose of France. Really a magnificent creation, which no rose connoisseur could afford to miss.

**Helen Gould**—One of the most famous of all the red roses, and rightly, as it is of great beauty and value. 25c.

**Papa Gontier (Pa-pa Gonto)**—A rich, brilliant red, free-blooming rose. 25c.

## PINK ROSES.

**Paul Neron (Paul Naron)**—A giant pink rose of grand upright growth and wonderful grace and beauty. 25c.

**Bridesmaid**—A fine, deep-pink rose, interesting for its great beauty as well as its sentimental name. 25c.

**Maman Cochet (Mama Cochay)**—Among the very finest of all the grand family of pink roses. A truly superb variety. 25c.

**La France**—Another splendid pink rose. 25c

## WHITE ROSES.

**The Bride**—Dear to the hearts of rose lovers, not only for its sentimental name, but for its own glorious white self. 25c.

**White La France**—A pure white rose with a shading of fawn color. 25c.

**Kaiserin (Kiserine) Augusta Victoria**—Considered by many the grandest white rose in the world.

**Marie Gillot (Marry Guiyo)**—One of the best bearers and most beautiful of all the white roses. 25c.

## YELLOW ROSES.

**Perle De Jardins (Pearl duh Zhardeen, Pearl of the Garden)**—A clear, rich, golden yellow rose. 25c.

**Yellow Maman Cochet**—Golden yellow flushed with crimson. 25c.

**Mlle. F. Kruger**—A very deep-yellow rose, strikingly handsome. 25c.

**Etoile De Lyon (Atwal duh Lyon, Star of Lyonss)**—Deep golden yellow. A double rose. A magnificent bloomer. 25c.

## CLIMBING ROSES.

**Marechal Neil (Marshal Neel)**—All in all, this is the most popular of all roses, as it is the most refinedly beautiful. Blooms an indescribable tint of yellow that is most beautiful. Graceful climbing vines no less so. Verily, all in all, a poem in roses.

**Reine Marie Henriette**—Cherry red; a beautiful rose.

**Climbing Meteor**—Blooms deep, vivid, velvety crimson, studding its beautiful vine like living meteors. A beautiful thing.

**Crimson Rambler**—A rampant grower and most profuse bloomer of flaming red blooms.

**White Rambler**—A rapid climber and grower, bearing clusters of snow-white roses.

**Mrs. Robert Perry**—A superb white climbing rose.

Climbing roses, 50c each

# BOLLWINKLE'S DIXIE ROSE COLLECTION

12 BEAUTIFUL ROSE BUSHES FOR \$1.50 Postpaid.

For the price of \$1.50 we will send you twelve beautiful roses, comprising all shades and colors of a beautiful rainbow. These are all first-class plants and sure to please. If you want beautiful roses all summer plant this collection.

# Bollwinkle's Rainbow Collection of Chrysanthemums---Every- one a Winner

## WHITE.

**Mrs. H. Robinson**—One of our best white. Can be depended on for blooming November 1st; very double and of easy growth.

**Convention Hall**—Pure white, center petals incurving.

**October Frost**—Take early bud, otherwise will show open center; one of the earliest in white.

**Miss Alice Byron**—One of the grandest white introduced for some time, and the purest in color of any we grow.

**Virginia Poehlman**—Almost pure white, good size, incurved full petals overlying each other making a perfect bloom.

**Timothy Eaton**—Very large flower on stiff stem. Take first or second crown for best results.

**Ben Wells**—Bluish white; produces a very fine flower.

**Honesty**—Pure white, narrow petals, very pretty, can be had in bloom latter part of October; of easy growth.

**Yanoma**—A good late white. Can be had as late as Christmas.

## PINK.

**Wm. Duckham**—A very large Japanese incurved, of a pleasing shade of pink.

**Dr. Enguehard**—One of the best varieties of recent introduction. Pure pink without a trace of purple, of easy growth.

**Mrs. Coombs**—Bright rose color; blooms early.

**Mrs. Mary Mann**—Fine shade of rose pink; good stem and foliage.

**M. L. Rousseau**—Enormous incurving pink; a grand flower. Price, 25 cents.

## YELLOW.

**Monrovia**—The best early yellow, grand stem and foliage and splendid shade of yellow.

**Gen. Hutton**—Yellow, shaded orange; always a prize winner, enormous flower. A very fine sort.

**Mrs. P. O. Bassett** (Yellow Mrs. Robinson)—A fine lemon yellow; blooms same time as Mrs. Robinson.

**Golden Wedding**—Nothing finer among yellows; shines like burnished gold.

**Col. Appleton**—Golden yellow, produced on stiff stems; fine foliage; a fine variety.

**Major Bonnaffon**—This splendid yellow is grown in large quantity by some growers.

**Edgar Sanders**—A beautiful bronze, of large size.

**Golden Eagle** (New)—This variety has taken first rank among the late golden yellows. A dwarf grower of easy management. 25c.

**Golden Age**—Bright yellow, slightly reflexed; a monster flower and of easy growth; ranks with the best.

**Buff Globe**—Buff, shaded orange; large blossoms.

**H. Cannell**—A good early variety of a clear yellow.

## RED.

**Geo. W. Childs**—The best known of the reds and gold varieties. Easily injured by over-feeding. Also good for bush plants.

**Black Hawk**—Dark crimson scarlet; style of V. Morel. Long strap petals, irregularly arranged. Best from terminal bud. An extra fine red for all purposes.

**Intensity**—Reflexed bright crimson, very free.

**Red Duckham**—Like Wm. Duckham, except in color.

We also handle many of the well-known older varieties, not listed here and are prepared to fill all orders for same.

All the above, except where otherwise noted, 10 cents each; \$1.00 per dozen, until July 1st; after that date 25 cents to 50 cents each.



# SELECTED NURSERY STOCK.

## PLUMS.

Since the introduction of the large Japanese varieties, Plum culture has received much attention. In some localities in the lower South, and especially in Florida, many of the Japanese varieties as first introduced have not proven fruitful. The general planting of the Japanese varieties, owing to their enormous size and beauty, scattered the trees throughout the South, and as a result we have several cross-bred varieties—the Japanese crossed with the native—which have proven heavy annual bearers. These cross-bred varieties have not only made plum-growing on a commercial scale possible, but profitable. You can now have Plums for the home, for the local and distant markets if you will. Culture same as for peaches.

### PRICES OF STANDARD VARIETIES.

|                             | Each.  | 10     | 100     |
|-----------------------------|--------|--------|---------|
| 4 to 6 ft., standard size.. | \$0.40 | \$3.00 | \$25.00 |
| 6 ft. up, large size.....   | .50    | 4.00   | 35.00   |

**Abundance**—Medium to large size, round, with pointed apex; color, greenish yellow, nearly covered with purplish carmine, and heavy bloom; subacid, with a slight apricot flavor; rich and good. Tree a strong upright grower. As name indicates, it is an abundant bearer in most localities.

**America**—A hybrid of the Robinson with the Abundance. Tree very thrifty, symmetrical. Fruit medium to large, bright golden ground with pink cheek, dotted white; flesh firm; quality good.

**Burbank**—Fruit large, usually from 5 to 5½ inches in circumference; it is clear, rich red, showing yellow dots, with thin lilac bloom; flesh, deep yellow, firm and meaty, rich and sugary, with peculiar flavor. Trees prolific; strong, upright growth.

**Chabot** (Douglas, Hytankayoo)—Fruit very large; crimson, with white bloom; excellent. A strong, upright tree; prolific, valuable.

**Excelsior**—Cross between Kelsey and Chickasaw type. Tree is a remarkably strong grower. Fruit medium size, usually averaging from 1 to 1¼ inches in diameter, nearly round; color, reddish purple, with heavy blue bloom; flesh, firm, yellowish, with reddish color near pit. This variety has given general satisfaction where planted throughout the State, and is one of the most valuable Plums for Florida and Lower South so far introduced. Ripe in May.

**Gonzales**—Japanese variety crossed with Wild Goose. Fruit very large; color, red; good flavor, good shipper and good keeper. Tree strong, very productive; originated in Texas. Should do well in all parts of Florida and Gulf Coast country.

**Gold**—Cross between Japanese and American type. Wherever the Gold Plum has been planted and fruited it has caused a sensation. Its large size, beautiful appearance, fine quality and productiveness make it the admiration of those who possess it. Size, large, nearly round; rich golden color, with slight blush; fine flavor.

**Howe**—Synonym for Stumpe; a cross between the Japanese and native varieties. See description under name Stumpe.

**Happiness**—A cross between a Japanese Plum and a variety of Wild Goose family. Very large, often measuring 6 inches in circumference; color, glowing red, with light purplish bloom; flesh firm, rich and juicy, with an exquisite flavor found in few other Plums. Bears full every year, but does not overbear, therefore, no off years. It was named Happiness by the introducer, who said he believed it would bring happiness to more homes than any fruit ever introduced. Ripe June 10 to 20.

**Kelsey**—Size, very large, often 8 to 9 inches in circumference; heart-shaped; color, greenish yellow, nearly covered with reddish purple; flesh, fine, solid, rich and juicy. This is an exceptional Plum and usually sets heavy, annual crops.

## LOQUATS.

Japan Medlar, sometimes erroneously called Japanese Plum.

|                                | Each.  | 10     |
|--------------------------------|--------|--------|
| 2 to 3 ft., standard size..... | \$0.65 | \$5.50 |
| 3 to 4 ft., extra size.....    | 1.00   | 8.00   |

The Loquat is not only a beautiful evergreen and an ornament to any yard, but also a valuable fruit, not, strictly speaking, a plum, but has erroneously been called "Japan Plum" in Florida and Louisiana. Tree blossoms in the fall and ripens a delicious fruit in February, with profitable results. Flowers white, in spike; fruit size of Wild Goose plum; oblong, bright yellow, subacid, good. Tree quite ornamental.

## POMEGRANATES.

The Pomegranate thrives throughout the Cotton Belt. An old historical fruit, yet one of the South's neglected resources. It has a far greater commercial value than is generally supposed. It grows in form of a large shrub or small tree, very graceful in form and foliage, produces a profusion of strikingly brilliant and lovely scarlet flowers, desirable as a yard tree, and especially well suited to use in solid or mixed borders. Bears young, is prolific, and the fruit possesses a fresh crispness, delicacy and sprightliness of flavor much esteemed by all who know it. The trees we offer are grown under our particular methods and are strong and sturdy.

**NURSERY STOCK—Continued.****Prices of Pomegranates.**

|                             | Each.  | 10     | 100     |
|-----------------------------|--------|--------|---------|
| 2 to 3 ft., medium size..   | \$0.40 | \$3.50 | \$30.00 |
| 3 to 4 ft., standard size.. | .50    | 4.50   | 40.00   |

**Sweet**—A desirable sort for home use and local market. The tree should be carefully trained, with branches about 4 feet from the ground, and should not be allowed to sucker. When thus cared for, it forms a beautiful thrifty tree, and is almost sure to bear a good crop of fine, palatable fruit every year.

**MULBERRIES.**

Mulberries are in no sense a table or a commercial fruit, yet there are purposes for which they are admirably suited and of decided value. As an economical food for poultry and swine for a period of several weeks during the spring and for tolling birds away from other and more valuable fruits there is nothing so valuable.

There is, perhaps, no fruit in the South more neglected than the Everbearing Mulberry. Every farmer should have a grove of Merritt, Hicks' and Downing's Everbearing. They produce fruit three months in the spring and summer.

**Prices of Mulberries.**

|                             | Each.  | 10     | 100     |
|-----------------------------|--------|--------|---------|
| 4 to 6 ft., standard size.. | \$0.30 | \$2.50 | \$20.00 |
| 6 to 8 ft., large size....  | .40    | 3.50   | 30.00   |
| 8 ft. up, extra size....    | .50    | 4.00   | 35.00   |

**Downing's Everbearing**—A good, large berry, more acid than the Hicks; blooms very early in the spring; and sometimes gets killed by the cold. Tree very strong, upright grower; foliage dark green; the tree is very ornamental.

**Hick's Everbearing**—This gives fruit three months in the year; it grows very rapidly, and should be grown largely by every farmer who raises hogs. The economic value of the fruit is not understood by the farmers of the South at it should be. Ripening as it does in April and May, it comes at a season when home-raised food for hogs and poultry is the scarcest of any season of the year. A few well-grown trees will feed hogs for a period of from eight to ten weeks. It is also fine for poultry, and a dozen or more trees should be in every farmyard. It is the cheapest and best hog and poultry food, while it lasts, that can be grown.

**PECANS.**

In recent years the Pecan has become a very important nut, particularly in the Southern States, and it may be said that there is no other fruit or nut tree which fits so well into the general farming of this region as the Pecan. Cotton, corn, cowpeas and other farm crops can be grown to advantage among the trees when they are young, and even until the trees have begun

to bear well. In short, the land may be farmed as though the trees had not been planted on it, yet the trees, under this management will grow and do well. The region in which the Pecan may be grown, with a proper selection of varieties, extends from Virginia to Florida, thence west into Texas and Oklahoma. It is destined to become the most important horticultural tree in this whole region, and the Pecan orchards of the South will rival the apple orchards of the North and Northwest. The Pecan, under proper conditions, will continue to bear fruit long after other fruit trees planted at the same time have ceased to grow; in fact, a Pecan orchard is equal to many peach orchards—for instance, in length of life and fruitfulness. As shade trees they make handsome specimens, and they are well adapted for street, road and yard planting.

**VARIETIES OF PECANS.**

**Centennial**—One of the oldest of the improved varieties. Shell medium thickness, partitions rather thick and corky; kernel plump, quality best. A variety recommended for more northern portion of Pecan belt.

**Columbia**—Said to be the largest of all the varieties; 35 or 40 to the pound. Claimed to be identical with the Rome, Pride of the Coast, and the 20th Century. Shell slightly thick; kernel solid and rich, very sweet and highly flavored. Tree one of the best growers.

**Schley**—Thin shell; plump, full kernel, of fine, rich flavor. One of the finest Pecans grown; claimed by some to be standard of perfection. Easily cracked and kernel removed whole. Tree a good grower, fairly prolific.

**Stuart**—One of the oldest of the named varieties; nut somewhat short, ovoid in shape; shell thin. Partitions somewhat corky; kernel plump; quality very good. One of the most popular varieties and deservedly so. Tree vigorous, upright, sturdy growth, one of the best bearers. You cannot go amiss in planting Stuart.

**Teche**—Shell medium thin, color grayish brown, with few dark streaks. Cracking quality very good; kernel full, plump, quality good. A seedling of Frotcher, which it resembles, except being a little smaller in size. The tree is more productive than Frotcher and nuts are usually better filled.

**Van Daman**—Shell quite thin, partitions thin and soft. Yields large percentage of meats. Size, shape and color of both nut and kernel exceptionally good; quality best. Trees vigorous, bear young and prolifically. Next to President, Bradley and Daisy, we consider this the best nut in our list.

**Frotcher's (Egg-shell)**—One of the largest Pecans, averaging from 40 to 50 to the pound. Shell very thin, and like many other thin-shelled varieties, can be cracked by pressing two nuts firmly in the palm of



NURSERY STOCK—Continued.

the hand; kernel plump, of good color, very fine quality. Tree a vigorous grower, healthy and moderately productive.

Prices on Budded Pecans.

|                  | Each.  | 10     | 100     |
|------------------|--------|--------|---------|
| 3 to 4 feet..... | \$0.90 | \$8.50 | \$80.00 |
| 4 to 5 feet..... | 1.10   | 10.00  | 90.00   |
| 5 to 7 feet..... | 1.50   | 12.50  | 120.00  |

WALNUTS.

Prices on Japan and Black Walnuts from Seed.

|                  | Each.  | Per 10 |
|------------------|--------|--------|
| 2 to 3 feet..... | \$0.30 | \$2.50 |
| 3 to 4 feet..... | .40    | 3.50   |

Japan Walnut—In the development of the nut industry, the Japan Walnut is well worthy of a place in every planting, and no home orchard should be without a few trees. They should be planted on well-drained land—a sandy or clay loam with a clay foundation is well adapted. The tree is a vigorous grower, and comes into bearing early. In habit of growth they are low and spreading, reaching a height of 15 or 20 feet, with a spread of branch of about the same distance. The leaves are large and handsome. The nuts are borne in clusters of fifteen to twenty. They have rather thick shells, with sweet, plump kernels of very fine quality. They make beautiful lawn or shade trees.

JAPAN CHESTNUTS.

Prices on Japan Chestnuts from Seed.

|                  | Each.  | Per 10 |
|------------------|--------|--------|
| 2 to 3 feet..... | \$0.30 | \$2.50 |
| 3 to 4 feet..... | .40    | 3.50   |

The Japan Chestnut grows well in nearly all parts of the lower South, and makes handsome, spreading, dense-headed trees. The leaves are narrow, pointed, deeply notched, deep green above, light beneath. The nuts are large, usually from two to five or seven in a bur. The nuts are esteemed by most people and aver very good, especially when cooked. The trees make handsome lawn specimens and aver very desirable. They should be planted on well-drained, though moist, soil of good quality for best results. They make a valuable addition to any collection of nut trees and should have a place in every fruit-garden throughout the region in which they may be cultivated.

HARDY GRAPEFRUIT (Pomelo).

Grapefruit is gaining in popularity faster than any other fruit grown. It has been considered by many that the grapefruit is more tender than the orange, but this is an error.

A great many grapefruit trees budded on Citrus trifoliata have been planted during the past few years in Southern Geor-

gia, along the Gulf Coast and in Texas. These are now coming into profitable bearing, and are demonstrating, beyond a doubt, that they can be safely and successfully grown in this territory.

Grapefruit produced on trees budded on Citrus trifoliata is far superior in texture, flavor and quality to that from trees budded on sour orange or lemon roots. The fruit matures earlier, thus supplying the first fall markets before fruit grown on other stock is fit to ship. Hardy grapefruit can be successfully grown in Louisiana with a minimum amount of risk, and with the assurance that fruit of the very highest grade can be produced. The varieties we offer when budded on Citrus trifoliata roots are quite as resistant to cold as oranges (except Satsumas), and in some sections even hardier.

|                             | Each  | 10   | 100   |
|-----------------------------|-------|------|-------|
| 3 to 4 ft., medium size..   | \$ 75 | 6 50 | 60 00 |
| 4 to 5 ft., standard size.. | 85    | 8 00 | 75 00 |
| 5 to 7 ft., large size..... | 1 00  | 9 00 | 85 00 |

KUMQUATS.

Sometimes called the Kinkan Orange. When the fruit is clipped in bunches of two or three, with a few leaves attached, packed in small boxes, with the leaves peeping from between the fruits, they make a most attractive package, selling readily at from \$3.50 to \$10 per 32-quart crate. Fruit sent to the large markets, packed as suggested, is chiefly used as a table decoration. The best season for marketing is from the middle of November to January.

The Kumquat was imported from Japan, where it withstands more cold than the Asiatic Orange, and when budded on Citrus trifoliata roots it will stand a temperature of 15 degrees F., without injury. It is as hardy as the Satsuma and is adapted to the same cultural and other conditions. While the Kumquat is the smallest of the Citrus family commonly grown in United States, it is a valuable and attractive novelty, and promises to become popular in all sections of the country.

Price of Kumquats Budded on Citrus Trifoliata.

|                              | Each  | 10    | 100   |
|------------------------------|-------|-------|-------|
| 18 to 24 in., light size.... | \$ 65 | 6 00  | 50 00 |
| 2 to 3 ft., standard size..  | 1 00  | 8 00  | 70 00 |
| 3 to 4 ft., large size.....  | 1 30  | 10 00 | 90 00 |

THE SATSUMA ORANGE.

The Satsuma is undoubtedly the hardest known variety of edible Orange, and this in connection with its early ripening and fine quality makes it an exceedingly valuable sort. The trees are drooping and spreading in habit, thornless, and bear when very young. The fruit is of medium size, flattened; rind and flesh segments loosely adhering like all varieties of the Mandarin

**NURSERY STOCK—Continued.**

(Citrus nobilis) group; color deep orange; flesh fine grained, tender, juicy, sweet and delicious; entirely seedless. Ripens in September, October and November. „

When budded on Citrus trifoliata stock it is the best variety for general planting throughout northern Florida and the Gulf Coast Orange region.

**Louisiana Sweet**—Medium-sized, round, sweet orange; bright, smooth skin. A native of Louisiana and best adapted for Louisiana and Texas of any round Orange we know of.

**Washington Navel**—The famous navel seedless Oranges so largely grown in California. While this variety does not bear heavily in Florida when budded on sour Orange roots, it has proven a very prolific sort on Citrus trifoliata roots.

**Mandarin**—Medium size, flattened; deep yellow; skin thin; segments loosely adherent; flesh dark orange yellow, spicy and aromatic. Although largely superseded in Florida by King, Satsuma and Tangerine, yet in southern Louisiana the Mandarin is still planted as one of the most profitable sorts.

**Mediterranean Sweet (Sanford's)**—Large size; smooth rind; quality good. Ripens late. One of the best of General Sanford's introductions.

|                             | Each  | 10   | 100   |
|-----------------------------|-------|------|-------|
| 3 to 4 ft., medium size...  | \$ 75 | 6 50 | 60 00 |
| 4 to 5 ft., standard size.. | 85    | 8 00 | 75 00 |
| 5 to 7 ft., large size..... | 1 00  | 9 00 | 85 00 |

**HARDY LEMONS AND LIMES.**

Lemons and Lime trees are normally much more tender than orange and grapefruit, yet when budded on the Citrus trifoliata they become quite resistant and may be planted in North Florida, along the Gulf Coast and in Texas.

**Prices of Lemons and Limes.**

|                             | Each  | 10   | 100   |
|-----------------------------|-------|------|-------|
| 3 to 4 ft., medium size..   | \$ 75 | 6 50 | 60 00 |
| 4 to 5 ft., standard size.. | 85    | 8 00 | 75 00 |
| 5 to 7 ft., large size..... | 1 00  | 9 00 | 85 00 |

**GRAPES.**

Grape-vines will grow almost anywhere, but to produce the finest specimens they should be carefully cultivated and pruned. The vines come into bearing about the second year after planting. The soil for grapes should be dry, and if not so naturally, should be drained. It should be worked deep, well manured, and kept thoroughly cultivated.

**Agawam**—A strong-growing variety with large bunches of dark reddish brown grapes; of good quality and flavor.

**Brighton**—Bunches medium; berries large and reddish, skin thin, pulp tender, sweet and of excellent flavor.

**Clinton**—A vigorous growing variety, bearing a great quantity of round, black Grapes in medium-sized bunches. Fruit pulpy and juicy.

**Concord**—Bunches and berries very large; blue-black with bloom; skin thin; flesh sweet, pulpy, tender; quality good. Very prolific and a vigorous grower. One of the most reliable and profitable varieties.

**Delaware**—A standard variety and favorite market sort. Bunches well formed and solid; berries medium size, a beautiful pinkish red, heavy bloom. One of the best and most reliable trellis or bunch Grapes.

**Elvira**—Vine enormous grower, very productive, inclined to overbear; no rot to speak of; bunches small to medium, very compact; pale green with white bloom; sometimes tinged with red streaks when ripe; almost transparent to pulp; sweet, very tender and juicy. Ripens about ten days later than Concord. Very promising variety for Lower South.

**Ives**—Strong grower; very productive; good shipper; bunches large and well shouldered; berries large, black, pulpy and of good quality. A good wine Grape.

**Moore's Early**—Bunches small; berries very large, round, blue-black, flesh pulpy, sweet; quality good. Very early, or two weeks before the Concord. Valuable for market.

**Niagara**—White; bunch and berry large; very showy; a superb Grape and one of the most profitable grown.

**MUSCADINE TYPE OF GRAPES.**

This free-growing species is the most excellent for the extreme South. It does fairly well in the tropics, and is far the best type of Grape for Florida and the Gulf Coast, as it seldom fails to bear a heavy crop of delicious fruit. It is the standby and a very welcome one; is free from all diseases and never decays. The product is very large and cultivation reduced to simplest form. Plant from 20 to 30 feet apart; train on arbor or high trellis and never trim.

|                   | Each  | 10   | 100   |
|-------------------|-------|------|-------|
| 2-year size ..... | \$ 25 | 2 00 | 16 00 |
| 3-year size ..... | 45    | 3 00 | 25 00 |

**Eden**—Berry very large, black, with delicate homas flavor; often twelve to fifteen berries in a cluster. Its distinctive features are: early bearing, fine quality, enormous productiveness, growing in clusters, freedom from rot or disease, and adaptability to either table or wine purposes, coming in season immediately after the bunch Grapes are over.

**Flowers**—Bunches composed of from fifteen to twenty-five berries. First of October, or from four to six weeks later than the Scuppernong.

**Scuppernong**—Bunches composed of eight or ten berries, which are very large, round and bronze-colored when fully ripe.



NURSERY STOCK—Continued.

JAPANESE PERSIMMON.

We believe that the Persimmon is destined to become one of the leading fruits of the Cotton Belt and Lower South. This may seem an extravagant statement, but, when the people learn the richness and deliciousness of the fruit, it finds a ready sale at good prices, and rapidly grows in favor and popularity. In Japan, the Persimmon is to the natives what the apple is to the American, and the Japanese varieties are the most profitable and popular varieties here.

**Hacheyo**—Very large, oblong, conical, with sharp point. Diameter 3 inches; length 3½ inches; specimens often weigh 1½ to 2 pounds each. Color of skin, reddish yellow, with occasional dark spots or blotches and rings at apex; flesh dark yellow; few seeds. Tree vigorous, shapely.

**Hyakume**—Large to very large, varying from roundish oblong to roundish oblate; but always flattened at both ends, generally slightly depressed at the point opposite the stem; diameter 2¾ inches longitudinally and 3½ inches transversely; skin light bluish yellow, marked with rings and veins near apex; flesh dark brown, sweet, crisp and meaty, even while hard. One of the best market sorts. A good grower and free bearer.

Prices of Japanese Persimmons on Native Roots.

|                             | Each  | 10   | 100   |
|-----------------------------|-------|------|-------|
| 3 to 4 ft., medium size..   | \$ 30 | 2 50 | 22 00 |
| 4 to 5 ft., standard size.. | 40    | 3 50 | 27 00 |
| 5 to 7 ft., large size....  | 50    | 4 00 | 33 00 |

**Castata**—Medium size, conical, somewhat four-sided; skin salmon-yellow; flesh light yellow, streaked with dark, few seeds; then very fine. Tree distinct, of rapid, upright growth, very strong and healthy, and producing the fruit in abundance.

**Dia Dia Maru**—Tree of rather open growth with distinct, light foliage; fruit medium size; shape flat like a tomato, slightly four-sided; flesh nearly white, quality fine.

PEACHES.

**Quicker Returns** are realized from Peach trees than from most fruits. Trees planted during December and January should commence bearing in 18 to 20 months from planting, producing the first year from a few quarts to a bushel per tree, according to variety and care of tree.

**Peaches for the Home** should be the first thought of every farmer, of every suburban home-owner, of every one having a lot or garden in town large enough for a few trees. No fruit is more healthful, no fruit will afford so much pleasure and profit for a small outlay.

Peaches for Coastwise Texas and Louisiana.

|                   |        |                |    |
|-------------------|--------|----------------|----|
| *Admiral Dewey    | VE     | **Greensboro   | VE |
| **Alexander       | VE     | *Honey         | E  |
| *Angel            | E      | *Imperial      | E  |
| *Belle of Georgia | M      | Japan Dwarf    |    |
| *Bidwell's Late   | E      | Blood          | VE |
| **Cabler's Indian | M      | **Jessie Kerr  | VE |
| **Carman          | E      | *Jewel         | VE |
| *Chinese Cling    | M      | **Mamie Ross   | E  |
| **Climax          | E      | *Matthews'     |    |
| **Colon           | E      | Beauty         | M  |
| *Countess         | M      | **Onderdonk    | M  |
| Crawford's Early  | E      | **Pallas       | E  |
| Crawford's Late   | M      | *Powers' Sept. | L  |
| **Elberta         | M      | **Sneed        | VE |
| **Estella         | L      | **Taber        | E  |
| Everbearing       | E to L | *Thurber       | M  |
| *Florida Crawfd   | M      | **Triana       | E  |
| **Florida Gem     | E      | **Triumph      | VE |
| **Frances         | M      | **Victor       | VE |
| **General Lee     | M      | *Victoria      | L  |
| *Gibbons' Oct.    | L      | *Waldo         | VE |

Prices of Standard Varieties Peaches.

|                             | Each  | 10   | 100   |
|-----------------------------|-------|------|-------|
| 4 to 6 ft., standard size.. | \$ 30 | 2 50 | 20 00 |
| 6 ft. up, large size....    | 40    | 3 00 | 25 00 |

**Succession of Ripening**—The terms "very early," "early," "midseason," and "late," in the above list (as indicated to the right of each variety, by the abbreviations "VE," "E," "M," "L") indicate the comparative ripening time of the variety.

**Explanation of List**—The varieties best adapted and most valuable for market in a particular section are indicated by \*\*. Varieties next in order of merit by\*.

PEARS.

In recent years the Pear crop has been bringing splendid returns. There has been a steady upward trend in prices until, even with a short crop occasionally, it pays to grow Pears. At prices ranging from six to twelve dollars per barrel it does not take a heavy yield to pay good returns on land planted to this fruit.

The most serious drawback in growing Pears is pear blight. But the oriental Pears, such as Kieffer, Le Conte and Garber, are not nearly so subject to it as the European Pears. With careful attention to pruning, fertilizing and cultivation, these Pears are quite free from blight. This group of oriental Pears is the very best for planting in the South. No cultivation should be given more than to cut down the grass and weeds around the trees. The fertilizer used should contain but little nitrogen or ammonia and should be rich in potash. This practice of no cultivation and using potash fertilizer produces hard, firm wood-growth, and such growth is not nearly so subject to injury. It is the sappy, vigorous shoots that blight. Dead or blighted branches should be cut out, cutting well below the line be-

**NURSERY STOCK—Continued.**

tween dead and living wood. These prunings should be burned. Attention to these details will go a long way toward making a success of Pear-growing.

**Prices on Pears.**

|                        | Each   | Per 10 | 100   |
|------------------------|--------|--------|-------|
| 1-year, medium size,   |        |        |       |
| 3 to 4 feet.....       | \$0 25 | 2 00   | 17 00 |
| 1-year, standard size, |        |        |       |
| 4 to 6 feet.....       | 30     | 2 50   | 20 00 |

**Garber**—Fruit resembles the Kieffer in size, appearance and quality, but the tree is more open in growth. Comes in ahead of the Kieffer. A seedling of the Chinese Sand Pear.

**Kieffer**—Fruit large to very large; color yellow, with bright vermillion check; very handsome; flesh very juicy, brittle, a little coarse but of good quality. September and October. The trees should not be allowed to overbear while young, which they are inclined to do; extremely prolific and very valuable. Supposed cross between the Chinese Sand and the Bartlett.

**Le Conte**—Large to very large, pyriform in shape; skin smooth, pale yellow; when properly handled the quality is good. Early July. The tree is a remarkably vigorous grower, with luxuriant foliage; prolific, and an annual bearer. It adapts itself more readily than any other variety to radically different conditions of soil and climate. In sections of the South where few other Pears are satisfactory, Le Conte has found its home. Supposed cross of the Chinese Sand with a cultivated variety. Its size and appearance make it a valuable market Pear.

**QUINCES.**

While the Quince does not succeed all over the whole lower South, yet it does well in many localities and should be planted. It naturally prefers a rather, moist, loamy soil. We offer two of the best and most noteworthy varieties.

**Prices on Quinces—On Quince Stock.**

|                          | Each   | Per 10 |
|--------------------------|--------|--------|
| 3 to 4 feet, medium..... | \$0 25 | 2 00   |

**Orange**—Large; golden yellow, with firm flesh and excellent flavor. A strong grower and thrifty variety.

**Pineapple**—One of Luther Burbank's introductions. Of large, size smooth and rounded. Fine for jelly, and cooks tender.

**FIGS.**

No fruit is more valuable in the southern fruit-garden than the Fig. They can be closely planted—10 to 12 feet apart—and yield heavily. The Fig-canning industry is gradually extending throughout the South, and since several tons of fruit can be produced on an acre of ground, it is well adapt-

ed to intensive culture. The preserved product put up at the present time in no wise supplies the demand, and we look for a very material increase in the Fig-canning industry.

The fresh Fig is also finding its way into the markets, and meeting with a ready sale. Carefully picked at the right stage of maturity and packed in strawberry crates, they can be placed by express in distant markets, four or five hundred miles, or even more, in good condition.

Figs come into bearing very early and for that reason commend themselves to the fruit-grower. With a proper selection of varieties, fruit may be secured from June to November. No other fruit covers so long a summer-fruited season.

**Prices on Figs.**

|                              | Each   | Per 10 | 100   |
|------------------------------|--------|--------|-------|
| Standard size, 3 to 4 feet.. | \$0 25 | 2 00   | 18 00 |
| Extra size, 4 to 5 feet...   | 40     | 3 00   | 25 00 |

**Brunswick**—Fruit very large, broadly pear-shaped with short, rather slender stalk; ribs well marked, eye large, open with rosy scales; skin tough, dark brown in color; pulp thick, soft, quality very good. Satisfactory variety.

**Black Ischia**—Size medium to large; color of skin bluish black, almost entirely covered with delicate bluish bloom; quality good; strong grower, heavy bearer and quite hardy.

**Brown Turkey**—Size medium to large; broadly pear-shaped, with short, thick stalk; ribs few in number; color coppery brown; flesh white, or slightly amber-colored, shading to pink about the seeds; flesh solid, excellent quality. This variety ranks with Celeste in hardiness. It is very hardy and desirable.

**White Adriatic**—Size medium to large, flattened, slightly turban-shaped, ribs not well marked; eye open; skin thick; color greenish yellow, or light yellow; flesh rosy red; a good grower and gives satisfaction on rich land.

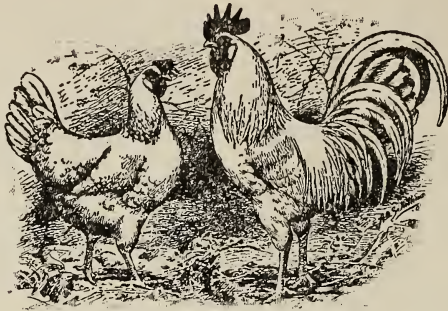
**Lemon**—Fruit medium to large, flattened, faintly ribbed, light yellowish green; stem short, stout; flesh white, sweet, rather soft, quality fair to good; season July. Vigorous and prolific.

**Magnolia**—Fruit of large size, light-colored, handsome; vigorous grower; prolific; excellent for canning. This variety is a great favorite with Texas planters.

**Celeste**—Small to medium, pear-shaped, ribbed; violet-colored, sometimes shading to purplish brown, covered with bloom about half-way up from the neck; stem short, stout. Flesh whitish, shading to rose-color at center; flesh firm, juicy, sweet, excellent quality. One of the hardiest varieties of Figs, and can be grown far outside of the usual limits of culture; very desirable for canning and preserving.



# THOROUGHbred POULTRY AND EGGS FOR HATCHING



Brown Leghorns.

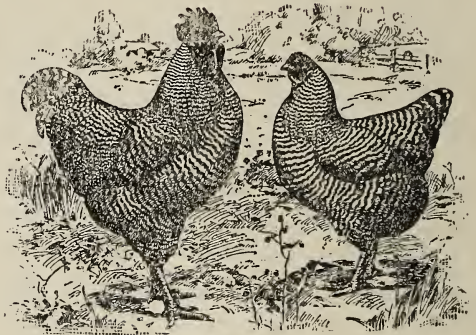
If you want good honest value in breeding stock, we can usually supply same from good reliable poultry men with whom we have arranged for stock. We do not keep these fowls on hand; thus, it is impossible to fill orders as promptly as we desire. Nearly all our breeders are located in the country, therefore, when we receive your orders it is necessary to write a letter and it is usually a day before he receives it and another day before he can deliver the birds to us. Thus, it can easily be seen that it takes three days before we can fill the order.

We are particularly careful about shipping birds. Our shipping coops are light but very substantially made and have a slatted top, allowing plenty of air, and taking a cheaper express rate than the canvas coops. Provision is made for feed and water.

During the breeding season, or from February 1st to May 1st, we try to have on hand a display of good cockerels at our store, but outside of this period it is impossible to do this, as the birds which are kept confined are bound to become weakened and sickly in time. The price of these birds depends much on the merit of each particular specimen; therefore, it is difficult to give exact prices in the catalogue.

In writing for birds, be sure to state whether you wish utility or show birds.

We are always glad to make quotations, so do not hesitate to inquire.



Barred Plymouth Rocks.

We advertise all kinds of eggs for hatching, but please remember that we do not guarantee them.

We secure our eggs from reliable and up-to-date breeders, and we have every reason to believe that they will run about 85 per cent fertile, but on account of the amount of handling which they are bound to receive in our hands and in transit, we have found it necessary to withdraw any guarantee whatever. We regret very much that we find it necessary to do this, however, we have decided it to best for all parties concerned.

All eggs must go via express or mail. We send a notice by mail the same day that the shipment is made, advising customer of same. No goods sent C. O. D.

## THOROUGHbred POULTRY AND EGGS FOR HATCHING.—Continued.

|                                   | Males.            | Trio               |
|-----------------------------------|-------------------|--------------------|
| Barred Plymouth Rocks.....        | \$3.00 to \$12.00 | \$ 6.00 to \$15.00 |
| White Plymouth Rocks .....        | 1.50 to 21.00     | 6.00 to 15.00      |
| White Wyandottes.....             | 4.00 to 10.00     | 6.00 to 12.00      |
| Black Langshans .....             | 5.00 to 15.00     | 8.00 to 15.00      |
| Light Brahmas .....               | 4.00 to 10.00     | 7.00 to 12.00      |
| Rhode Island Reds .....           | 3.00 to 10.00     | 6.00 to 12.00      |
| Brown Leghorns, Single Comb ..... | 2.50 to 6.00      | 7.00 to 10.00      |
| Brown Leghorns, Rose Comb .....   | 3.50 to 8.00      | 7.00 to 10.00      |
| White Leghorns, Single Comb ..... | 2.50 to 6.00      | 6.00 to 10.00      |
| White Leghorns, Rose Comb .....   | 3.50 to 8.00      | 7.00 to 10.00      |
| Black Minorcas, Single Comb ..... | 4.00 to 8.00      | 8.00 to 12.00      |
| Black Minorcas, Rose Comb .....   | 5.00 to 10.00     | 8.00 to 12.00      |
| Ducks, White Pekin .....          | 2.50 to 5.00      | 8.00 to 12.00      |
| Ducks, Indian Runner .....        | 3.00 to 5.00      | 8.00 to 12.00      |
| Geese, Toulouse .....             | 5.00 to 7.00      | 15.00 to 20.00     |
| Pigeons, Homers, per pair .....   | 1.50 to 2.00      |                    |

## BELGIAN HARES.

|                                    |        |
|------------------------------------|--------|
| Three months old, per pair.....    | \$5.00 |
| Three months old, Single Buck..... | 3.00   |
| Three months old, Single Doe.....  | 2.50   |
| Nine months old, per pair.....     | 8.00   |
| Nine months old, Single Buck.....  | 5.00   |
| Nine months old, Single Doe.....   | 4.00   |

## GRAY AND WHITE RABBITS.

|                                     |        |
|-------------------------------------|--------|
| Young Male or Female, each.....     | \$1.00 |
| Young, per pair .....               | 2.00   |
| Full Grown Male or Female, each.... | 1.50   |
| Full Grown, per pair.....           | 3.00   |

## GUINEA FOWLS.

Fine yard birds, blue gray in color. Price, Hens, \$1.00 each; Cocks, \$1.50 each.

## GUINEA PIGS.

These pigs are not Hogs, but pet animals similar in shape to the Hog. It is not an edible Hog, but a pet pig.

Per pair, \$1.50

## WHITE FAN-TAIL PIGEONS.

\$2.50 per pair. Carrier Pigeons, \$3.50 per pair.

## LITERATURE FOR POULTRYMEN.

The books listed below will be found very valuable, not only for beginners, but all breeders of poultry. Read carefully through list and you will find at least one or more you cannot afford to be without. Prices on all are postpaid.

|   |        |
|---|--------|
| Latest Edition American Standard of Perfection. Illustrated, cloth bound.....   | \$1.50 |
| Successful Poultry Keeping. 176 pages 9x12, illustrated.....  | 1.00   |
| Poultry Houses and Fixtures (used as a text-book at Cornell University) 96 pages 9x12, illustrated.....   | .50    |
| Artificial Incubating and Brooding. Results gained from practical experience; 96 pages 9x12, illustrated.....                                       | .50    |
| Eggs and Egg Farms. An interesting book on rearing, housing and feeding for egg production; 96 pages 9x12, illustrated.....                         | .50    |
| The Chick Book. A complete book on hatching, feeding and caring for chicks at all ages; 80 pages 9x12, illustrated.....                             | .50    |
| The Plymouth Rocks. Barred, White, Buff, Silver and Penciled. A complete and authoritative breed book, valuable to breeders of these varieties..... | 1.00   |
| Wyandottes. All varieties in colors and how to judge them. No breeder of Wyandottes should be without this.....                                     | 1.00   |
| Rhode Island Reds and how to judge them; valuable for breeders of this breed....  | 1.00   |
| Leghorns. An illustrated book of all varieties; valuable to breeders of this variety; 78 pages 9x12, illustrated.....                               | .50    |
| Asiatics. A work on Brahmas, Cochins and Langshans; contains much valuable information on these breeds; 100 pages 9x12, illustrated.....            | .50    |
| The Bantam Fowl. By Judge McGrew. Tells how to feed, grow and house Bantams, and how to treat their diseases; 72 pages 9x12, illustrated.....       | .50    |
| Ducks and Geese. Gives all details—hatching, raising, etc.; 80 pages, illustrated..   | .75    |
| Turkeys. Their care and management; contains much valuable information; 96 pages 9x12, illustrated.....   | .75    |
| Egg Record and Account Book. An easy method of keeping correct accounts and records; 32 pages 6x10.....   | .25    |



# POULTRY and STOCK SUPPLIES

## BUCKEYE 60-EGG INCUBATOR.

A well-known moderate priced machine that gives universal satisfaction.

Style "A," double walls throughout,  
plete . . . . . \$9.00

Buckeye Brooders, Style 3—(50-Chick)  
—complete . . . . . 5.00

Buckeye Brooders, Style 4—(50-Chick)  
—complete . . . . . 7.00

Every Buckeye Incubator and Brooder is complete with thermometer, lamp, etc., ready for use. Ask for Buckeye Catalogue. Free.

Leg Bands—Price, 12 for 15c; 100 for 75c; postpaid.

"Earthenware Drinking Fountains"—These are made and so constructed that they feed themselves. No danger of little chicks drowning; they have easy access, but cannot get into the opening. For yard purposes there are none better. Grown hens as well as the chicks have easy access, yet cannot soil the water.

Prices: Three-quart, 35c each; one-gallon, 50c each.

Galvanized Iron Drinking Fountain—These fountains embody every good feature of the up-to-date drinking fountain and are acknowledged to be the best in use.

Prices: Quart size, 25c; 2-quart size, 50c.

Incubator Thermometers—75c each, postpaid.

Porcelain Nest Eggs—These eggs are made of first-class flint glass. They do not break easily and will last a lifetime.

Price, by mail, 5c each, 35c per doz.; by express, 2 for 5c., 25c. per doz.

Medical Nest Eggs—A lice destroyer and nest egg combined. Placed in corner of nest under nesting material, keeps the nest sweet and clean.

Price, by mail, 7c each. 78c per doz.; by express, each 5c, dozen 50c.

Standard Dry Food Hoppers—Made with two compartments. An economical feed box that prevents waste.

Price, 75c

Boston Dry Food Hopper—Is made of galvanized sheet iron and is practically indestructible and will last a lifetime. It is also absolutely rat-proof and positive in its action.

Price—Large size, for dry feed, \$1.00; medium size, for beef scrap, grit, etc., 90c; small chicken size, holds 1½ peck, \$1.00.

Sanitary Grit and Shell Boxes—This box is manufactured from the best galvanized iron and contains three compartments for food, shells or grit. It keeps the feed fresh and sweet, and prevents all waste, thus increasing the profit.

Price, each, 50c

Mann's Green Bone Cutters—We confidently recommend these Bone Cutters, for we are certain that there is no better green bone cutter manufactured. Green cut bone is one of the best foods for egg production.

No. 5 B, \$8.00; No. 7, on stand, \$12.00

## SCRATCH FEED—(Standard Hen Food).

Directions for Feeding—For every dozen hens, use a slack quart of Scratch Feed in the Spring and Summer, and a heaping quart in the Fall and Winter. Bed the pen with four to six inches of straw (litter) scattering the food in thinly, so that the hens will have to work it out. When you can keep your hens scratching, their blood is circulating, and good egg production is bound to follow.

100 lbs., \$2.50

## BABY CHICK FEED.

Directions for Feeding—Little chicks, like chickens, are hungry all the time, and have to be fed sparingly, every few hours in the day. If possible, bed their feeding place with an inch or two of cut alfalfa or clover. Scatter Baby Chick Feed in lightly, as much as they can eat up clean. Do not overfeed.

100 lbs., \$3.00

Grit—(Coarse, medium and fine).

Each, 100 lbs., \$2.00; 10 lbs., 25c; 1b., 3c.

Oyster Shells—(Coarse and fine).

Each, 100 lbs., \$2.00; 10 lbs., 15c; 1b., 2c.

Canary—Postpaid, 1b., 20c; not prepaid, 3 lbs. for 25c.

Hemp—Postpaid, 1b., 20c; not prepaid, 3 lbs. for 25 cents.

Rape—Postpaid, 1b., 25c; not prepaid, 2 lbs. for 25 cents.

Sunflower—Postpaid, 1b., 20c; not prepaid, 3 lbs. for 25c.

Mocking Bird Food—Price, per can, postpaid, 50 cents.

Pigeon Feed—Specially prepared.

100 lbs., \$2.75; 1b. 3c.

Alfalfa Meal—For Poultry.

100 lbs., \$3.50; 1b., 5c.

Granulated Charcoal—.. 5 lbs., 50c

# POULTRY FOODS and SUPPLIES

**Conkey's Egg Producer and Laying Tonic**—A standard preparation for increasing egg production and keeping up the fowl's strength.

1½-lb. pkg., 25c, by mail 50; ¾-lb. pkg., 50c, by mail \$1.00; 7-lb. pkg., \$1.00.

**Conkey's Roup Cure**—Has been on the market for several years, and has been used by our customers with very satisfactory results.

Small-size package, postpaid, 50c; large-size package, postpaid, \$1.00.

**Conkey's Lice Powder**—Is carefully compounded and contains no chemicals which will injure the fertility of the eggs when used in the nests of setting hens.

5-oz. pkg., 10c, postpaid 15c; 15-oz. pkg., 25c, postpaid 40c; 48-oz. pkg., 50c, postpaid \$1.00; 100-oz. pkg., \$1.00, by express.

**Conkey's Head Lice Ointment**—A carefully prepared non-poisonous article which is instant death to all insects but perfectly harmless to the chicks.

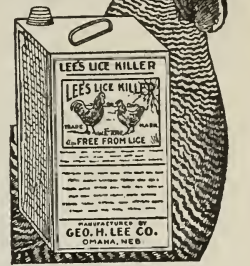
Price, 1-oz. can (enough for 100 applications), 10c; 3-oz. can (enough for 300 applications), 25c.

**Conkey's Cholera Cure**—Is a positive cure for bowel trouble, indigestion, diarrhoea, dysentery, cholera, etc., in fowls, both young and old. Not only does it overcome these troubles, but it tones up the system at the same time and puts your flock in excellent condition. It is simply put in drinking water and fowls take their own medicine. Given occasionally it prevents these difficulties. Remember, we guarantee it to you.

50c per box, postpaid.



FOR CHICKENS AND HOGS



**Conkey's Gape Cure**—The best cure for gapes. 50c per box.

**Lee's Germozone**—Originally designed and extensively used as a household remedy for diseases of the skin and mucous membrane, has given most wonderful results in the treatment of poultry diseases of the same nature. Roup, canker, swelled head, colds, cholera, bowel complaint, etc., are all inflammations of the mucous membrane, and yield readily to treatment with Germozone. Prepared in two forms—liquid and tablet. Each is equally good in every way. Large 2-oz. bottle, 50c; package of tablets, 50c. Tablet form mailed postpaid for 50c.

**Lee's Insect Powder**—The best and least expensive Insect Powder in the world. Handy to use for poultry, stock and pet animals. Sure death to insects. 1½ lb. package, 25c.

**Lee's Lice Killer**—Kills all body-lice and mites on poultry and hogs by simply painting, sprinkling or spraying it on roosts and rubbing posts or bedding. Apply it in a few minutes in afternoon or early evening and it works while they sleep. Must not be applied direct on the bodies of fowls or animals.

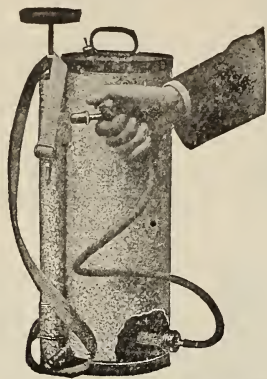
Qt. can, 25c; ½-gal. can, 60c; 1-gal. can, \$1.00; 5-gal. can, \$4.00.



# GARDEN REQUISITIES

## COMPRESSED AIR SPRAYER.

A self-operating, strong, durable, high-pressure sprayer; easy to carry and easy to work. It will handle water-paint, white-



Compressed Air Sprayer.

wash, Bordeaux Mixture, Paris Green, Arsenate of Lead and other spraying materials. May be charged by a few strokes of the plunger and two pumpings will usually discharge the entire contents of the tank. Capacity,  $3\frac{1}{4}$  gallons; valves all metal.

Price, with automatic shut-off nozzle, \$6.00

## LITTLE GIANT PUMP.

Excepting the foot rest and handle, all parts are made of brass, preventing damage from spraying solutions. The air chamber space is large, insuring an even pressure; the valves are of ample size. These pumps are excellent for whitewashing and disinfecting stables and poultry houses; far washing windows and buggies; putting out fires and various other services, in addition to the regular work of spraying.

Price, \$3.50

## HAND SPRAYER.

Very useful in small gardens, green-houses, for spraying house plants, for applying insecticides and disinfectants in poultry houses, etc., applying liquids in a fine mist with no waste; does splendid work.

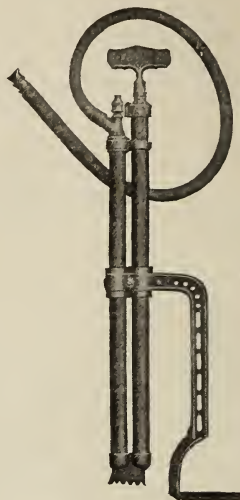
Price by express or freight, 50c.

## BARREL SPRAY PUMP.

Every one who does any amount of spraying should have a barrel sprayer. We offer a splendid pump with bronze valves and brass seats. The plunger is brass, fitted with hemp packing. It will handle hot,

cold or any caustic mixture. The cylinder and discharge pipes are all brass. The air chamber is 30 inches long, enabling the pump to throw a constant and uniform spray. It has good leverage, is very powerful and easily operated.

Outfit A—Pump, with mechanical agitator, 10 feet of hose, 8-foot extension pipe and Bordeaux nozzle, \$10.00.



Little Giant Pump.

## MYERS' GALVANIZED IRON KNAPSACK SPRAY PUMP No. 330.

The tank holds 5 gallons and is fitted with lid and strainer, which can be removed. The pump is our regular Brass Bucket Spray Pump with large air chamber, brass ball valves, solid plunger and agitator. The handle lever can be shifted from right to left shoulder at will. Fitted with 5 feet of  $\frac{1}{2}$  inch hose, pipe extension and Bordeaux or graduating Vermorel spray nozzle, which can be graduated from a fine mist-spray to a solid stream, or shut off entirely.

Price, \$9.00

## IDEAL PLANT SPRINKLER.

Is one of the most serviceable devices for spraying plants indoors and out. Plants when housed generally suffer from lack of moisture, such as rain or the morning dew give them; furnace or stove heat affects them badly. This spray substitutes a misty shower that supplies the plant most naturally and completely, is absolutely necessary to real success with house plants.

Price, 75c; by mail, 20c extra

## GARDEN REQUISITES.—Continued.

## STANDARD SPRAY PUMP.

The Standard sprays the tallest fruit tree from the ground. Does the work in half the time required by any other.

One man does the work. Saves one man's time.

Is used either with Bucket, Knapsack, or Barrel.

Sprayer and Knapsack complete, \$8.00.

## PLANET JR. HAND TOOLS.

No. 3. Hill and Drill Seeder—Sows in hills, 4, 6, 8, 12 or 24 inches apart, or in a continuous row. Price, \$10.00

No. 4. Combined Hill and Drell Seeder, Wheel Hoe, Cultivator and Plow—Similar to No. 3, but has attachments for cultivating, etc. Price, \$10.50

No. 16. Single Wheel Hoe, Cultivator, Rake and Plow—Has 2 six-inch hoes, 3 cultivator teeth, 7-inch rake, 4-inch rake, plow and leaf lifter. Price, \$5.35

No. 17. Single Wheel Hoe—Similar to No. 16, but without rakes. Price, \$4.50

Firefly Garden Plow—Throws a furrow 4 to 6 inches wide, 3 to 4 inches deep. Price, \$2.25

## FLOWER POTS.

Packing at Cost.

|                     | Each.  | Per Doz. |
|---------------------|--------|----------|
| 2 inch, 3 for.....  | \$0.05 | \$0.20   |
| 2½ inch, 2 for..... | .05    | .25      |
| 3 inch, 3 for.....  | .10    | .35      |
| 4 inch.....         | .05    | .50      |
| 5 inch, 2 for.....  | .15    | .75      |
| 6 inch.....         | .10    | 1.00     |
| 7 inch.....         | .15    | 1.25     |
| 8 inch.....         | .15    | 1.50     |
| 9 inch.....         | .20    | 2.00     |
| 10 inch.....        | .25    | 2.75     |
| 12 inch.....        | .60    | 6.00     |
| 14 inch.....        | 1.00   | ....     |



Spraying Potatoes With Standard Pump, Knapsack and "Potato" Attachment.

## STRAWBERRY SHOOKS OR DIRT BANDS.

Eggplants, Muskmelons and Early Cucumbers pay well if they come early into the market. In order to have them early it is a good plan to start them in a cold frame in what are called "Dirt Bands." This is a box 4 inches square and 4 inches deep, without bottoms. These are placed in a frame and filled up with good rich soil, and five or six seeds in each box; when the plants come up, thin the mout to one or two in each box. Before using dirt bands, wet them thoroughly before bending or they will be apt to break at the grooves.

Price, 50c per.100; \$2.50 per 1,000

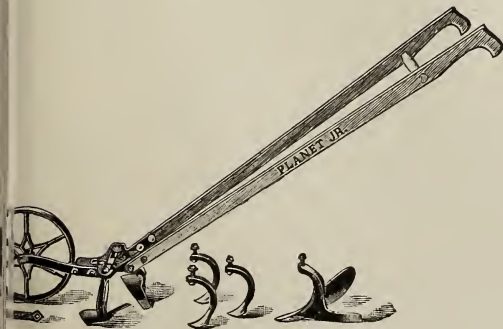
Tacks for Dirt Band and Boxes—¼ lb., 15c; 1 lb., 40c.

## POT AND TREE LABELS.

|                             | Per 100 | Postage. |
|-----------------------------|---------|----------|
| Wire Tree Labels, 4 in..... | \$0.30  | \$0.05   |
| Pot Labels, 6 in.....       | .25     | .05      |
| Pot Labels, 5 in.....       | .20     | .05      |
| Pot Labels, 4 in.....       | .15     | .05      |
| Pot Labels, 10 in.....      | .75     | .10      |

## RAFFIA.

Raffia is the name of a palm which furnishes a staple article of commerce called raffia fiber. While it has been used to some extent in America in the manufacture of hats, its principal use is for tying vines, flowers, asparagus and celery bunches and for grafting. It is as soft as silk, and not affected by moisture or change in temperature so as to risk cutting or wounding the most delicate tissues, and it does not break or ravel when folded or knotted. These qualities bring it into general use. ¼ lb., 15c; 1 pound, 30c. Natural color, which is a light straw.





# CUT FLOWER DEPARTMENT

We have made arrangements with one of the best and most-up-to-date Florists in town to supply us with Cut Flowers, Designs, Bouquets, etc., for all occasions, and any order you may kindly favor us with will have our best and careful attention.

In ordering, always state exact amount you wish to pay and we will give you full value in best flowers.

NOTE:—Fancy Ferns with all orders free of charge. No shipping orders accepted for less than \$1.00.

|  |                           |
|--|---------------------------|
| Cape Jasmines, May 10th to June 10th.....  | \$ .25 to \$ .50 per doz. |
| American Beauty Roses, prices range in accordance with the season,<br>length of stem and size of flower..... | 3.00 to 10.00 per doz.    |
| Roses, white or pink.....  | 2.00 to 4.00 per doz.     |
| Roses, red .....   | 2.00 to 8.00 per doz.     |
| Carnations .....   | 1.00 to 2.00 per doz.     |
| Lilies of the Valley .....   | 1.00 to 1.50 per doz.     |
| Roman Hyacinths.....   | .75 to 1.00 per doz.      |
| Daffodils .....  | 1.00 to 1.50 per doz.     |
| Narcissus, paper white .....   | 1.00 to 1.50 per doz.     |
| Easter Lilies .....  | 3.00 to 5.00 per doz.     |
| Calla Lilies .....   | 3.00 to 5.00 per doz.     |

Sweet Peas, season, March to June, 25c per doz; 85c per 100.

Sweet Peas in December, January and February, 35c per dozen; \$2.50 per 100.

Smilax, 40c per string.

Orchids, \$12.00 per dozen.

Single Violets, 25c per bunch.

Double Violets, 75c to \$1 per bunch.

Chrysanthemums, October, November and December, \$3.00 to \$5.00 per dozen.

Cut Asparagus Sprays, \$1.00 per dozen. Box of Assorted Flowers, \$1.50 to \$10 each.

Other Cut Flowers in season at market prices.

## FLOWERS FOR COMMENCEMENTS, STORE OPENINGS, ETC.

|                                     |                                    |
|-------------------------------------|------------------------------------|
| Basket Choice Assorted Flowers..... | \$2.50, \$3.50, \$5.00 up          |
| Basket Choice Roses .....           | \$3.00 up; with showers, \$5.00 up |
| Horse Shoes .....                   | \$1.50, \$5.00, \$7.50, \$10.00    |

## FOR WEDDINGS.

|   |                                    |
|---|------------------------------------|
| Bridal Bouquet, White Roses .....         | \$3.00; up with showers, \$5.00 up |
| Bridal Bouquets, White Carnations.....    | 2.50 up; with showers, 4.00 up     |
| Bridal Bouquet, Lilies of the Valley..... | 6.00 up; with showers, 8.00 up     |
| Bridesmaid's Bouquets .....               | 2.00 up                            |
| Corsage Bouquets .....                    | 2.50 up                            |
| Baskets for Flower Girls.....             | 2.00 up                            |

## FUNERAL DESIGNS.

|                         | Flat.     | On Standing<br>Base. | On Easel. |
|-------------------------|-----------|----------------------|-----------|
| Anchor .....            | \$3.50 up | \$6.00 up            | \$4.00 up |
| Cross .....             | 3.00 up   | 5.00 up              | 3.50 up   |
| Crescent .....          | 3.00 up   | 5.00 up              | 4.00 up   |
| Wreath .....            | 3.00 up   | 5.00 up              | 4.00 up   |
| Star and Crescent ..... |           | 6.00 up              |           |
| Gates Ajar .....        | 10.00 up  |                      |           |
| Hearts .....            | 3.00 up   | 5.00 up              | 4.00 up   |
| Harp .....              | 3.50 up   | 5.00 up              | 4.00 up   |
| Lyre .....              | 3.00 up   | 5.00 up              | 4.00 up   |
| Stars .....             | 3.00 up   | 5.00 up              | 4.00 up   |
| Pillows .....           | 5.00 up   |                      |           |

Lodge Designs—Masonic, Odd Fellows, Elks, etc. .... \$8.00 up

Metal Wreaths of Flowers and Foliage for Cemetery use ..... \$1.50 to \$5.00

Sheaf of Wheat .....

Doves ..... \$1.00 up, with flowers, \$2.50 up

\$2.00 each

# TO SUCCESSFULLY GROW

## ALFALFA, CLOVERS, COW PEAS, SOY BEANS, VETCHES, AND OTHER LEGUMES,

TO INCREASE THE YIELD AND IMPROVE THE SOIL USE  
**THE MULFORD NITRO-GERM**  
SCIENTIFICALLY PREPARED AND TESTED

Small Cost---Quick Returns---Easy to Use---No Labor Expense



Uninoculated **ALFALFA** Inoculated  
Planted September, 1913--Photographed, same scale, April, 1913. Plant on left not inoculated  
—Plant on right inoculated with THE MULFORD NITRO-GERM. All other conditions  
identical. THE CONTRAST SPEAKS FOR ITSELF.

laboratories of H. K. Mulford Co., Philadelphia, U. S. A., with the same degree of care as Mulford Antitoxins, Serums, Vaccines, etc., which are standard all over the world.

Be sure to always specify the particular legume for which *The Mulford Nitro-Germ* is desired, otherwise we will not know how to fill your order.

ALFALFA (Lucerne) Burr Clover  
CRIMSON CLOVER Yellow Clover  
SWEET CLOVER Eerseem Clover  
WHITE CLOVER COW PEAS  
RED CLOVER SOY BEANS  
ALSIKE CLOVER CANADA FIELD PEAS  
Mammoth Clover PEANUTS

SPRING VETCH GARDEN BEANS  
WINTER VETCH LIMA BEANS  
Horse Beans  
Velvet Beans  
Perennial Peas  
SWEET PEAS  
GARDEN PEAS

Beggar Weed  
and others

Those printed in CAPITAL LETTERS can be shipped immediately from stock. The others will be prepared to order and can be supplied in a few days.

### The Mulford Nitro-Germ

is prepared and tested by experts in the biological

The Mulford Nitro-Germ consists of pure, tested cultures of active, vigorous nitrogen-fixing bacteria, for inoculating seeds of legumes or soil.

Legumes offer the best known means of maintaining soil fertility and rejuvenating over-cropped and worn-out fields.

The U. S. Department of Agriculture and many State Agricultural Experiment Stations recommend inoculation of legumes with nitrogen-fixing bacteria to induce a prompt "catch" and increase the yield.

### PRICES

The Mulford Nitro-Germ is supplied for the varieties of legumes indicated at the following prices:

GARDEN SIZE, 1-4 acre, \$ .50  
ONE ACRE SIZE . . . 2.00  
FIVE ACRES SIZE . . . 9.00  
Not Returnable.

Special prices on lots of twenty-five acres or more on one order, either of one kind or assorted.

Why buy expensive nitrates when you can grow legume crops and thus increase the yield and at the same time replace the nitrates, enrich and renovate the soil by Nature's own method.

Write today for free booklet giving valuable information regarding the nitrogen-fixing bacteria and describing the preparation and use of THE MULFORD NITRO-GERM.



# THE BOLLWINKLE SEED CO., LTD.

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